

## Statement No. I of 1910-11.

ACCOUNT of TOTAL REVENUE and EXPENDITURE of the CALCUTTA MINT during the year 1910-11.

REVENUE.	R a. p.	R a. p.	EXPENDITURE.	R a. p.	R a. p.	R a. p.
<b>To CHARGES LEVIED—</b>			<b>By WORKING EXPENSES—</b>			
<i>Silver—</i>			<i>Silver—</i>			
Percentage on new rupee coinage	...		Loss on Coinage Operations—			
Seigniorage on dollar coinage	...		Operative losses	11,543 3 3		
Premelting fees	172 14 4		Loss on withdrawal of uncurrent silver coins	2,62,165 11 5		2,73,698 14 8
Assay and melting fees (Private)	25 6 2	198 4 6	Other items	264 8 0		264 8 0
			<b>MISCELLANEOUS CHARGES—</b>			
			Loss on melting gold	...		
			Other items	14 1 5		14 1 5
			<b>By SALARIES AND ESTABLISHMENTS—</b>			
<i>Gold—</i>			Fixed Establishment	1,80,814 12 6		
On bullion from Government Departments	...		Extra Establishment and overtime pay	1,21,723 11 11		3,02,538 8 5
			<b>By COPPER, BRONZE AND NICKEL—</b>			
			Used as alloy	266 6 2		
			Used for contingent purposes	1,034 2 10		
			Miscellaneous charges	...		1,300 9 0
<b>GAIN ON COINAGE OPERATIONS</b>			<b>By LOCAL STORES—</b>			
<i>Silver—</i>			Coke, coal, charcoal, etc.	27,236 1 6		
Refined silver of Premelting Department	...	...	Oil, grease and tallow	6,402 9 8		
<i>Gold—</i>			Acids	1,625 8 0		
Miscellaneous	6 9 2	6 9 2	Iron and brassmongery	2,553 7 9		
			Metals	225 11 0		
			Wood for boxes	9,529 10 3		
			Bullion trucks, etc.	...		
			Electrical stores	4,687 10 10		
			Miscellaneous	15,453 4 9		67,713 15 4
<b>To CASH RECEIPTS—</b>			<b>By CONTINGENT CHARGES—</b>			
For scales, weights and other articles supplied and work done for individuals	4,873 11 1		Books and periodicals	456 15 3		
For old stores and materials sold	28,291 9 9		Scales and Weights	967 4 0		
Miscellaneous	244 1 10	33,409 6 8	Cart, coolie and boat hire	466 7 6		
			Telegrams	870 6 6		
			Postage	67 0 0		
			Inspection of boilers	40,959 10 0		
			Rents, rates and taxes	287 3 7		
			Electricity and gas	97 2 0		
			Freight on Europe stores	112 5 6		
			Furniture	2,727 5 2		
			Miscellaneous	...		
			Livery of peons	...		47,011 11 6
Carried over	...	33,614 4 4	Carried over	...		6,92,543 4 4

ACCOUNT OF TOTAL REVENUE AND EXPENDITURE OF THE CALCUTTA MINT DURING THE YEAR—*contd*

REVENUE.	R	a. p.	R	a. p.	EXPENDITURE.	R	a. p.	R	a. p.
Brought forward			33,614	4 4	Brought forward			6,92,542	4 4
TO TRANSFER RECEIPTS—					BY TRANSFER CHARGES—				
For scales, weights and other articles supplied and work done for other Government Departments	10,484	0 0			Coin bags	...	2,814	2 6	
For war medals for Military Department	6,333	9 6			Landing and Shipping	...	2,706	4 9	
Coining and incidental charges on copper coins for Colonial Governments	3,701	9 8			Articles supplied by other Departments	...	289	2 7	
			20,519	3 2				5,809	9 11
					BY ENGLISH STORES USED FROM STOCK—				
					Value of stores used	...	49,259	7 11	
					Less $\frac{1}{2}$ freight charged as above	...	97	2 0	
								49,162	5 11
					P. W. D. CHARGES—				
					Repairs and alterations to buildings	...	8,661	0 0	
								8,661	0 0
TO MISCELLANEOUS CASH RECEIPTS—					MISCELLANEOUS CHARGES EXTERNAL TO MINT—				
Rents recovered from residential quarters	600	0 0			Stationery	...	1,235	7 0	
Cost of Electric current consumed	1,404	0 9	2,004	0 9	Printing	...	1,092	0 0	
								2,327	7 0
TOTAL	...		56,137	8 3	TOTAL	...	...	7,58,502	11 1
To Balance	...		7,02,365	2 10	Total brought down	...	...	7,58,502	11 1
TOTAL	...		7,58,502	11 1	BY Pro forma CHARGES—				
					COST OF PENSIONS AND FULLOUGH ALLOWANCES—				
					$\frac{1}{2}$ of salaries of superior servants	...	28,534	0 0	
					$\frac{1}{18}$ of salaries of inferior servants	...	199	0 0	
Total brought down	...		56,137	8 3				28,733	0 0
TO Pro forma RECEIPTS—					INTEREST ON—				
Percentage on value of bronze coins manufactured	1,41,769	0 0			Mint land building and plant valued at	78,77,552	0 0		
Medals for Royal Army Temperance Association	4,225	0 0			Average silver balance	15,86,544	0 0		
Weights supplied to Treasury Officers	309	0 0	1,46,303	0 0	Average bronze balance	13,69,497	0 0		
					Store balance	2,72,699	0 0	1,11,06,292	0 0
TOTAL	...		2,02,440	8 3	At $3\frac{1}{2}$ per cent.	...	...	3,88,720	0 0
To Balance	...		9,73,515	2 10					
TOTAL	...		11,75,955	11 1	TOTAL	...	...	11,75,955	11 1



## ABSTRACT of CAPITAL ACCOUNT of the CALCUTTA MINT to end of the year 1910-11.

	Land.	Building.	Plant.	TOTAL.		Land.	Building.	Plant.	TOTAL.
	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>		<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
Total expenditure on Capital Account brought forward from last year . . .	20,13,346	34,95,760	26,06,190	81,15,296	Value of stores lost or destroyed	...	...	27,790	27,790
Expenditure during the current year, P. W. D. . . .	...	2,159	...	2,159	Value of buildings demolished	...	...	...	...
Other items—					Depreciation at 5% on plant and 3% on buildings	...	1,04,873	1,28,920	2,33,793
Armatures . . .	...	...	1,180			...	1,04,873	1,56,710	2,61,583
Valves . . .	...	...	160						
Injector . . .	...	...	175						
Bullion balance . . .	...	...	2,877						
Ladder . . .	...	...	94						
Weighing machine . . .	...	...	2,048		Balances	20,13,346	33,93,046	24,71,160	78,77,552
Lorry wheels . . .	...	...	2,264						
Pumps . . .	...	...	12,882						
				21 680					
TOTAL	20,13,346	34,97,919	26,27,870	81,39,135	TOTAL	20,13,346	34,97,919	26,27,870	81,39,135

## No. II of 1910-11.

## STATEMENT of the COINAGE of the CALCUTTA MINT for the year 1910-11.

Description of Coins.	Tale of pieces.	Nominal value.	TOTAL.		REMARKS.
			Tale.	Value.	
		<i>R a. p.</i>		<i>R a. p.</i>	
SILVER—					
Rupees . . . .	80,00,000	80,00,000 0 0			
Half Rupees . . . .	34,12,505	17,06,252 8 0			
Quarter do. . . .	80,24,000	20,06,000 0 0			
Eighth do. . . .	1,67,80,000	20,95,000 0 0			
			3,61,96,505	1,38,07,252 8 0	
BRONZE—					
Single pice . . . .	4,72,65,685	7,38,526 5 3			
Half pice . . . .	1,25,28,030	97,875 3 9			
Pie pieces . . . .	2,08,74,706	1,08,722 6 10			
			8,06,68,421	9,45,123 15 10	
COPPER—					
Ceylon Cents. . . .	50,00,000	50,000 0 0			
			50,00,000	50,000 0 0	
GRAND TOTAL . . . . .	.....	.....	12,18,64,926	1,48,02,376 7 10	

## No. III of 1910-11.

## STATEMENT showing the COST of MISCELLANEOUS WORK done in the CALCUTTA MINT during the year 1910-11.

RECEIPTS AND EXPENDITURE.	Amount.	Total amount.	REMARKS.
<b>RECEIPTS.</b>	<i>R a. p.</i>	<i>R a. p.</i>	
Silver and Bronze War Medals . . . . .	17,191 5 9		
Other Medals and Stores . . . . .	34,989 14 10		
Die, Seals and Stamps . . . . .	494 8 0		
Adjusting Scales and Weights . . . . .	5,794 4 0		
Miscellaneous work including gold and silver . . . . .	9,134 0 1		
		67,604 0 8	
<b>EXPENDITURE.</b>			
Silver and Bronze War Medals . . . . .	17,191 5 9		
Engravers, Die Department Workshop and other labour . . . . .	4,664 9 1		
Jewellers labour . . . . .	2,985 5 6		
Stores used (including gold and silver) . . . . .	33,029 5 0		
		57,870 9 4	
Excess of receipts over expenditure . . . . .		9,733 7 4	

## No. IV of 1910-11.

STATEMENT of COUNTERFEIT COINS received at the CALCUTTA MINT showing also those cut and broken at the TREASURIES, Compiled from the QUARTERLY RETURNS furnished by the TREASURY OFFICERS during the year 1910-11.

NAME OF PROVINCE.	COUNTERFEIT RECEIVED AT THE CALCUTTA MINT.																REMARKS.	
	Nominal value of remittances of the uncurrent coins received at the Mint in thousands of Rupees. (a).	In remittances of uncurrent coins from Treasuries.				From Treasury and other officers under article 580, Civil Account Code, and Government Resolution No. 1004-A, dated 21st February 1901.				For examination (b).				Counterfeit coins cut at the several Indian Treasuries as per Quarterly Returns furnished by the Treasury Officers and Railway Administrations under Article 590-A (d), Civil Account Code, and Government Resolution No. A-6192, dated 10th December 1901.				
1	2	3				4				5				6				7
India . . . . .	3,951.4	490	23	37	84	6	...	1	1	29	...	3	2	925	6	3	3 (b) Excluding assay office.	
Central Provinces	53.9	16	...	1	...	1	...	...	...	...	...	...	...	...	...	...		
Burma . . . . .	803.9	163	...	19	82	1,360	68	238	62	272	...	...	...	7,536	135	325	137 (a) Including current weight coins received for special examination.	
Eastern Bengal and Assam. .	733.4	218	...	4	23	253	10	11	1	32	4	...	...	4,331	59	64	10	
Bengal . . . . .	2,273.2	873	34	108	190	8	...	...	...	167	3	1	...	37,434	1,087	1,068	920	
United Provinces . .	7,034.5	1,631	25	139	289	150	11	1	3	121	...	...	...	18,391	424	456	408	
Punjab . . . . .	1,233.5	98	1	5	20	...	...	...	...	19	...	3	2	12,164	368	513	296	
Madras . . . . .	696.9	161	1	38	61	3	...	...	...	...	...	...	...	...	...	...	...	
State Railways . . .	...	...	...	...	...	726	33	23	3	69	...	...	...	2,885	128	102	68	
TOTAL	16,780.7	3,650	84	351	749	2,507	122	274	70	709	7	7	4	83,666	2,207	2,531	1,842	



No.

## STATEMENT of OFFENCES

	COUNTERFEITING COINS, SECTIONS 231 AND 232, INDIAN PENAL CODE.			MAKING, BUYING AND SELLING INSTRUMENTS FOR COUNTERFEITING COINS, SECTIONS 233 AND 234, INDIAN PENAL CODE.			POSSESSING INSTRUMENTS OR MATERIALS FOR COUNTERFEITING COINS, SECTIONS 235, INDIAN PENAL CODE.			ABETTING IN INDIA, THE COUNTERFEITING OF COINS, SECTION 236, INDIAN PENAL CODE.			IMPORTING OR EXPORTING COUNTERFEITED COINS, SECTIONS 237 AND 238, INDIAN PENAL CODE.		
	1			2			3			4			5		
	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.
1. Madras . . . . .	2	6	9	...	...	...	9	15	10	...	...	...	...	...	...
2. Bombay . . . . .	2	2	1	...	...	...	3	3	3	...	...	...	...	...	...
3. Bengal . . . . .	3	7	2	...	...	...	5	9	6	...	...	...	...	...	...
4. Eastern Pengal and Assam .	2	4	2	1	2	1	16	22	10	...	...	...	...	...	...
5. United Provinces of Agra and Oudh including Kumaon (Tehri State) and Rampur.	6	11	10	...	...	...	10	15	11	...	...	...	...	...	...
6. Punjab . . . . .	4	4	4	1	1	1	5	7	5	...	...	...	2	3	2
7. Burma . . . . .	11	14	7	...	...	...	19	26	10	...	...	...	1	1	...
8. Central Provinces and Berar	...	...	...	...	...	...	3	8	3	...	...	...	...	...	...
9. North-West Frontier, Peshawar.	...	...	...	...	...	...	1	3	...	...	...	...	...	...	...
10. Ajmere-Merwara . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Baluchistan . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Coorg . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Central India . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Rajputana and its Agency .	2	9	5	...	...	...	...	...	...	...	...	...	...	...	...
15. Hyderabad . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Mysore . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Kashmir . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Baroda . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
TOTAL	32	57	40	2	3	2	71	108	58	...	...	...	4	5	2

## V.

against COINAGE for 1910.

POSSESSING AND DELIVERING COUNTERFEITED COINS, SECTIONS 239, 240, 241, 242 AND 243, INDIAN PENAL CODE.			CAUSING COINS TO BE OF DIFFERENT WEIGHT OR COMPOSITION FROM THAT FIXED BY LAW, SECTIONS, 224, 246 AND 247, INDIAN PENAL CODE.			TAKING COINING INSTRUMENTS FROM A MINT, SECTION 245, INDIAN PENAL CODE.			FRAUDULENTLY ALTERING APPEARANCE OF ANY COINS, SECTIONS 248 AND 249, INDIAN PENAL CODE.			POSSESSING AND DELIVERING ALTERED COINS, SECTIONS 250, 251, 252, 253 AND 254, INDIAN PENAL CODE.			TOTAL.		
6			7			8			9			10			11		
Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.	Number of cases brought to trial.	Number of persons tried.	Number of persons convicted.
45	50	33	...	...	...	...	...	...	4	5	...	10	11	10	70	87	62
18	20	14	...	...	...	...	...	...	3	3	2	4	4	4	30	32	24
44	54	32	2	4	...	...	...	...	1	1	1	6	7	5	61	82	46
48	56	6	...	...	...	...	...	...	...	...	...	3	4	2	70	88	41
89	108	76	...	...	...	...	...	...	6	6	6	13	15	10	124	155	113
49	58	31	...	...	...	...	...	...	2	2	1	4	4	4	67	79	48
41	47	21	1	1	1	...	...	...	...	...	...	3	4	2	76	93	41
14	17	11	...	...	...	...	...	...	1	1	1	5	6	5	23	32	20
1	1	1	...	...	...	...	...	...	...	...	...	1	1	1	3	5	2
3	3	1	...	...	...	...	...	...	1	1	1	...	...	...	4	4	2
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	3	2	...	...	...	...	...	...	...	...	...	2	3	2	5	6	4
7	10	5	...	...	...	...	...	...	1	2	2	4	10	5	14	31	17
3	4	2	...	...	...	...	...	...	...	...	...	...	...	...	3	4	2
5	7	4	...	...	...	...	...	...	...	...	...	2	2	2	7	9	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	5	3	...	...	...	...	...	...	...	...	...	...	...	...	6	6	3
376	444	262	3	5	1	...	...	...	19	21	14	57	71	52	564	714	431
TOTAL OF 1909															643	901	503

## REPORT ON THE WORKING OF HIS MAJESTY'S ASSAY OFFICE.

No. 40, dated Calcutta, the 23rd May 1911.

From—Lieutenant-Colonel J. LLOYD JONES, I.M.S., M.B., F.C.S., Assay Master,

To—The Secretary to the Government of India, Finance Department.

I have the honour to submit the following report on the working of this Department for the past official year.

2. *Number and description of assays.*—The number of assays made during the year amounted to 15,466 as compared with 12,349 made in the previous year.

The details are as follows :—

DESCRIPTION.	Number.	Total.
GOLD.		
Assays on gold from all sources . . . . .	123	
Check assays on fine gold . . . . .	64	
		187
SILVER.		
Assays on silver alligated for silver standard coinage—		
for rupees 1,680	5,056	
„ ½-rupees 776		
„ ¼-rupees 1,114		
„ ⅛-rupees 1,486		
Do. pyx coins . . . . .	6,927	
Do. miscellaneous . . . . .	679	
Check assays on fine silver . . . . .	826	13,488
BRONZE.		
Assays on bronze meltings for coinage . . . . .	224	
Do. pyx coins . . . . .	338	
Do. miscellaneous . . . . .	24	
		581
MISCELLANEOUS.		
Parting assays . . . . .	114	
Assays on various metals and ores . . . . .	1,060	
Assays on Mint drosses . . . . .	36	
		1,210
TOTAL FOR THE YEAR . . . . .	...	15,466



3. *Gold assays.*—The total number of gold assays from all sources amounted to 187, of which 24 were done for the Mint.

4. *Meltings for silver standard coinage.*—Silver meltings for coinage were assayed in every month of the year for rupees and  $\frac{1}{2}$ -rupees, for every month except October and November for  $\frac{1}{2}$ -rupees and for every month except April for  $\frac{1}{4}$ -rupees.

The average fineness of the meltings was :—

MONTHS.	AVERAGE FINENESS OF MELTINGS PER MILLE FOR			
	Rupees.	$\frac{1}{2}$ -rupees.	$\frac{1}{4}$ -rupees.	$\frac{1}{8}$ -rupees.
April 1910	915.958	915.893	...	915.506
May "	915.930	915.974	915.745	915.628
June "	915.881	915.897	915.773	915.678
July "	916.000	915.942	915.804	915.622
August "	915.976	915.970	915.774	915.734
September "	915.953	915.871	915.820	915.864
October "	915.907	...	915.895	915.621
November "	916.026	...	915.878	915.700
December "	916.014	915.991	915.965	915.815
January 1911	915.971	915.975	915.853	915.669
February "	916.009	915.914	915.851	915.736
March "	916.065	915.931	915.857	915.667
AVERAGE FOR THE YEAR	915.979	915.936	915.836	915.677

5. *Gold in Silver Coinage.*—The average proportion of gold found by monthly parting assays in the silver pyx coins was :—

for rupees	0.578 per mille.
" $\frac{1}{2}$ -rupees	0.599 "
" $\frac{1}{4}$ -rupees	0.615 "
" $\frac{1}{8}$ -rupees	0.623 "

The coinage of the year was computed to contain 3,039 Troy ounces of gold of the value of £12,885-7-2.

6. *Pyx trials—Rupees.*—Pyx trials of rupees were made in each month of the year. The number of trials for weight amounted to 143; the total number of rupees weighed was 1,430. The average weight per piece was 180.042 grains. The heaviest rupee weighed 180.94 and the lightest 179.30 grains. There were 205 rupees of the exact standard weight, giving a percentage of 14.34. One rupee was found heavy beyond the legal remedy but the second pyx passed.

The number of trials for fineness was 144 and the total number of rupees assayed was 4,280, of which 1,440 were assayed singly and 2,840, melted, in groups of 20.

The highest figure for any single coin was 918.5 and the lowest 913.8.

The same figures for the melted coins (average of 3 assays) were 917.1 and 915.8.

Two trials disclosed, each of them, one rupee low beyond the legal remedy in fineness; fresh pyxes were called for and both passed.

The average results are shown below :—

MONTHS.	Average weight of pyx rupees (grains).	AVERAGE FINENESS OF PYX RUPEES (PER MILLE).		Gold per mille.
		Single.	Melted.	
April 1910 . . . .	180.036	916.366	916.591	0.614
May „ . . . .	180.026	916.257	916.767	0.662
June „ . . . .	180.067	916.330	916.440	0.489
July „ . . . .	180.068	916.237	916.625	0.559
August „ . . . .	180.086	916.219	916.424	0.528
September „ . . . .	180.030	916.443	916.554	0.565
October „ . . . .	180.028	916.300	916.567	0.557
November „ . . . .	180.043	916.363	916.520	0.590
December „ . . . .	180.027	916.407	916.557	0.601
January 1911 . . . .	180.031	916.263	916.469	0.631
February „ . . . .	179.993	916.074	916.382	0.539
March „ . . . .	180.061	916.203	916.522	0.610
AVERAGE FOR THE YEAR . . . .	180.042	916.312	916.513	0.578

7. *Half-rupees*.—Pyx trials of these were made during 10 months of the year.

The number of trials for weight amounted to 59 and the number of coins weighed was 590. The average weight was 89.999. The heaviest and lightest coins weighed respectively 90.44 and 89.62 grains.

There were 149 coins found of the exact standard weight, giving a percentage of 25.25.

The number of trials for fineness was 59.

The total number of coins assayed was 2,950, of which 590 were assayed singly and 2,360, after melting, in batches of 40, in triplicate.

The average fineness of the single coins was 916.303. The highest and lowest figures for single coins were 918.0 and 914.6.

The average fineness of the melted coins was 916.539. The highest and lowest figures for the melted coins (average of 3 assays) were 917.0 and 916.1.

There were no coins outside the legal remedy either in weight or fineness.

8. *Quarter-rupees*.—There were pyx trials of these during 11 months of the year.

The number of trials for weight was 145; and the number of coins weighed 1,450. The average weight was 45.011 grains. The highest weight of any  $\frac{1}{4}$ -rupee was 45.34 and the lowest 44.58 grains. There were 463 coins of the exact standard weight, giving a percentage of 31.93.

Seven coins were found outside the legal remedy in weight.

The number of trials for fineness was 146.

The total number of coins assayed was 16,050; 1,450 singly and 14,600 after melting, in batches of 100, in triplicate.

The average fineness of the single coins was 916.540. The highest and lowest figures for the single coins were 919.0 and 914.7.

The average fineness of the melted coins was 916.670. The highest and lowest figures for the melted coins (average of 3 assays) were 917.3 and 916.2.

9. *One-eighth rupees.*—There were pyx trials during each month of the year, 171 each for weight and fineness.

The total number weighed was 1,710. The average weight was 22.513 grains. The highest and lowest coins weighed respectively 23.04 and 22.17 grains.

There were 675 coins of the exact standard weight, giving a percentage of 39.47.

34 coins were outside the legal remedy for weight.

There were 35,910 coins assayed, 1,710 of them singly and 34,200, after melting, in batches of 200, in triplicate.

The average fineness of the single coins was 916.494 and the highest and lowest figures were 918.7 and 914.6.

The average fineness of the melted coins was 916.653. The highest and lowest figures for any melting of finished coins (average of 3 assays) were 917.2 and 916.0.

10. *Summary of pyx trials.*—The following is a summary of results detailed in paragraphs 6, 7, 8 and 9 :—

Denomination.	Number of coins weighed singly.	Number of coins assayed singly.	Number of coins assayed after melting.	Average weight (grains).	Average fineness of coins assayed singly (per mille).	Average fineness of coins assayed after melting (per mille).	Proportion of gold in pyx coins (per mille).
Rupees . . . . .	1,430	1,440	2,840	180.042	916.312	916.513	0.578
Half-rupees . . . . .	590	590	2,360	89.999	916.303	916.539	0.599
Quarter-rupees . . . . .	1,450	1,450	14,600	45.011	916.540	916.670	0.616
One-eighth rupees . . . . .	1,710	1,710	34,200	22.513	916.494	916.653	0.623

11. *Standard meltings for Bronze coinage.*—The following table gives the details for each month as well as the average for the year :—

Months.		AVERAGE FINENESS OF MELTINGS (PER CENT.) FOR		
		Copper.	Tin.	Zinc.
April 1910 . . . . .		94.880	4.022	1.100
May " . . . . .		94.928	4.004	1.054
June " . . . . .		94.915	4.005	0.955
July " . . . . .		94.887	4.017	0.943
August " . . . . .		94.924	4.020	0.942
September " . . . . .		94.920	4.020	0.997
October " . . . . .		94.920	4.040	0.990
November " . . . . .		94.908	4.042	0.936
December " . . . . .		94.920	4.000	1.070
January 1911 . . . . .		94.912	4.014	1.294
February " . . . . .		94.910	4.012	0.897
March " . . . . .		94.935	3.997	1.127
Average for the year . . . . .		94.913	4.016	1.030



There were bronze meltings during each month of the year and a total of 224 assays.

12. *Pyx trials for Bronze coinage, Bronze pice ( $\frac{1}{2}$ -anna).*—There were pyx trials during 6 months of the year, 21 in number with 103 assays.

825 Coins were weighed. The average weight was 75.227 grains.

The average fineness of the year was :—

Copper	94.920	per cent.
Tin	4.008	„
Zinc	1.025	„

13. *Bronze half-pice ( $\frac{1}{3}$ -anna).*—There were 20 trials with 100 assays during 6 months of the year, the average fineness being :—

Copper	94.919	per cent.
Tin	4.015	„
Zinc	1.036	„

14. *Bronze pies ( $\frac{1}{3}$ -anna).*—There were 26 trials and 130 assays during 8 months of the year, the average fineness being :—

Copper	94.928	per cent.
Tin	4.009	„
Zinc	1.026	„

15. *Miscellaneous assays.*—Of the 1,060 assays under the head of “ Assays on various metals and ores,” 829 were assays made for the Mint, various Police Officers and Magistrates on coins, either counterfeit or suspected to be counterfeit, or on suspected materials for the manufacture of counterfeit coins.

16. *Verification of weight pieces.*—The following verifications were made during the year :—

1. Mint Working Standard Decimal Grain Set.
2. Mint Working Standard Avoirdupois Set.
3. Assay Office Working Standard Tola Set.

17. The post of Assay Master was held by me throughout the year except for one month from 25th October to 24th November during which time I was in hospital on privilege leave and Major F. T. O. Hughes officiated.

The post of Deputy Assay Master was held by Major Hughes from 1st July to the end of the year. He was on privilege leave from 1st April to 30th June. During this time I carried out the duties of Deputy Assay Master in addition to my own.

## REPORT ON THE WORKING OF THE BOMBAY MINT.

No. 1740, dated Bombay, the 1st September 1911.

From—Major A. L. C. McCORMICK, R.E., Mint Master,

To—The Secretary to the Government of India, Finance Department, Simla.

I have the honour to submit the Annual Report on the operations of the Bombay Mint for the financial year 1910-1911, together with the prescribed statements.

I took over charge of the Mint from Lieut.-Colonel W. G. R. Cordue, R.E., on the 15th April 1910 and have been in charge throughout the year except for a period of three months when I was on privilege leave, during which Major Bourke, I.M.S., Deputy Assay Master, officiated.

## GOLD.

## 2. Receipts—

(a) Gold coin tendered during the year was valued at R10,95,29,127 as compared with R11,04,34,320 in 1909-1910, and consisted of the following:—

CLASSIFICATION.	Value in rupees.
Sovereigns of current weight . . . . .	10,43,21,250
Sovereigns of short weight or not more than three grains less than the standard weight (nominal value) . . . . .	51,91,335
Half-sovereigns of short weight or not more than three grains less than the standard weight (nominal value) . . . . .	15,892
Sovereigns of reduced weight or more than three grains less than the standard weight (bullion value) . . . . .	586
Half-sovereigns of reduced weight or more than three grains less than the standard weight (bullion value) . . . . .	64
TOTAL . . . . .	10,95,29,127

(b) In addition to the above, 3,812 coins tendered as current weight sovereigns were found to be reduced, soldered, fraudulently defaced or of foreign mintage, on detailed examination at the Mint, and were withdrawn by the tenderers.

(c) With the exception of R10,86,435 and gold of the value of R649 used for medal work, the whole of the gold received, together with the balance of the previous year, was transferred to the Currency Gold Coin Account.

(d) No remittances were shipped by the Mint to London during the year.

(e) At the close of the year the balance of the Currency Gold Coin Account amounted to R2,14,91,220 and of the Gold Bullion Account to R314. These balances consisted of sovereigns and half-sovereigns.

## SILVER.

## 3. Receipts.—The silver receipts comprised—

(a) Withdrawn and uncurrent silver coins received for re-coinage of the nominal value of R80,35,642 classified as follows:—

CLASSIFICATION.	Value in rupees.
Government rupees and half-rupees of 1835 . . . . .	3,32,947
Ditto ditto 1840 (1st issue) . . . . .	9,25,222
Ditto ditto 1840 (2nd issue) . . . . .	36,88,485
Ditto ditto (shroff-marked, defective and dumb coins) . . . . .	7,64,660
Ditto ditto (worn coins) . . . . .	23,03,103
Ditto ditto (reduced coins) . . . . .	11,918
Fraudulently defaced coins from Railways . . . . .	3,211
Arcot coins . . . . .	6,059
Confiscated coin . . . . .	37
TOTAL . . . . .	80,35,642

(b) Tenders of silver bullion from the Exchange Banks for coinage into British dollars amounting to 14,360,498 tolas fine. Of this amount silver of the outturn value of R1,46,34,227 was brought to account during the year.

(c) Consignments of old subsidiary silver coin of the Straits Government of the outturn value of R1,01,010 received from the Colonial Secretary, Singapore, and brought to account for re-coinage into 20, 10 and 5-cent pieces also some new dumb coins returned for re-mintage by the Straits Settlement Government from shipments of the previous years and the year under report. This comprised 5 cents—399,950, 10 cents—794,574 and 20 cents—20,000; of this amount 5 cents—239,950 and 10 cents—754,574 were brought to account during the year.

The description and weight of the silver tendered for coinage into British dollars and for subsidiary coins for the Straits Government is given below:—

Description of silver tendered.					Amount in lakhs of tolas.
American bar silver	.	.	.	.	120.84
London bar silver	.	.	.	.	22.77
Old 50-cent pieces	.	.	.	.	.05
" 20 do.	.	.	.	.	.28
" 10 do.	.	.	.	.	.61
" 5 do.	.	.	.	.	.23
New 20 do.	.	.	.	.	.09
" 10 do.	.	.	.	.	1.85
" 5 do.	.	.	.	.	.47
Total					147.19

(d) No silver was received for rupee coinage from the Secretary of State during the year.

#### 4. Silver Coinage—

(a) The Government coinage for the year which consisted of rupees, half, quarter and eighth rupees amounted to 10,785,082 pieces, valued at R81,17,860, and was wholly on Government account.

(b) 5,391,864 British dollars were issued to Exchange Banks for export during the year. Of this 4,152,363 were shipped to Hongkong, 113,700 to Singapore and 1,125,801 to Shanghai.

(c) 3,084,365 twenty-cent pieces, 1,560,419 ten-cent pieces and 8,739,800 five cent pieces were manufactured for the Straits Settlements Government, the amount of coins shipped to Singapore being 2,957,833 twenty-cents, 1,507,325 ten-cents and 9,832,751 five-cents.

(d) The whole of the coinage was found by the Assay Master to be within legal remedy for weight and fineness.

*Silver Branch of the Gold Standard Reserve.*—Two crores of rupees were held during the year in the Bombay Mint on account of the Silver Branch of the Gold Standard Reserve.

5. *Meltings.*—Uncurrent Government silver coin, as well as old and new subsidiary coins from the Straits Government, were taken in direct alligation.

#### 6. Percentages of Good Coin.—The percentages of good coin calculated

Description of coins.	Weight of ingots laminated. Tolas.	Percentage of good coin.
Government Rupees	1,08,64,403	67.44
Do. Half-rupees	6,53,289	61.62
Do. Quarter-rupees	3,07,988	65.00
Do. Eighth-rupees	4,93,162	58.26
British Dollars	2,14,64,806	62.02
Twenty-cents	27,36,263	52.25
Ten-cents	7,68,703	47.22
Five-cents	13,78,059	47.41

on the amounts laminated were as detailed in the margin. Owing to difficulties in the manufacture of the Straits Settlement coinage the nature of which was explained in para. 6 of my report for last year, somewhat rigorous steps had to be taken during the year to prevent

defective coins leaving the Mint—the measures taken were fairly successful but



the result was a slight lowering in the percentages of all good coin which are therefore a little below normal.

7. *Silver Operative Losses.*—The total operative loss written off the accounts in the year amounted to R39,310 as shown in statement No. I attached. After correction of all fictitious gains and losses this loss was further reduced to R9,464 and resulted in a net rate of 41·94 per lakh of standard tolas coined or 25·94 per lakh of standard tolas laminated.

#### NICKEL.

8. The number of nickel one-anna pieces coined during the year was 40,200,000 of the value of R25,12,500 being the largest amount coined since the commencement of the nickel coinage.

The total operative losses written off the books during the year amounted to 19½ maunds, giving a percentage of 294 per 100 maunds of metal rolled.

#### BRONZE.

9. No bronze coinage was carried out during the year.

#### MISCELLANEOUS.

10. *Miscellaneous work.*—This consisted of the recurring supply of dies, medals, etc., to various public institutions, the manufacture and adjustment of scales and weights and miscellaneous supplies and repairs undertaken for Government Departments and the public, the profit made being R516. In addition 130 war medals with 161 clasps and 3 stars were issued.

11. *Treasure Trove Coins.*—During the year 56 lead coins of the Feudatories of the Andhra Dynasty and 19 Chandwari rupees were forwarded to the Mint by the Bombay Branch, Royal Asiatic Society, for disposal to numismatists. The amount realised by the sales of Treasure Trove coins during the year was R91, the metal value at which the coins were credited in the Mint accounts being R42. After defraying postage and other charges, the profit on the sale of these coins amounted to R48.

12. *Mint Working Standards.*—The weights in all the Departments were periodically compared with the standards and any difference found carefully adjusted.

#### ANALYSIS OF REVENUE AND EXPENDITURE.

##### 13. Revenue—

(a) *Charges levied. Mint Seigniorage.*—The seigniorage on silver tendered for British dollar coinage and for which outturn certificates were issued during the year, amounted to R2 92,686 and the seigniorage recovered from the Straits Government for subsidiary coinage to R35,905.

(b) *Gain on coinage operations.*—The gain on this head was R25,497, being less than that of the preceding year by R60,352.

(c) *Cash and transfer receipts.*—These receipts amounted to R13,240 and were less by R4,769 as compared with the year 1909-1910 owing to a smaller number of medals, etc., having been supplied.

(d) *Pro formá receipts.*—A *pro formá* credit at 5 per cent. on the value of nickel coins turned out during the year amounted to R1,25,625 being more by R48,125 than that of the previous year.

##### 14. Expenditure—

(a) *Loss on Coinage. Silver.*—The difference between the par and weight values of uncurrent coin received from Government Treasuries for re-coinage amounted to R1,59,765 as against R1,61,453 in the preceding year.

(b) *Salaries and Establishment.*—The total expenditure on salaries and establishment for the year as compared with that of the preceding 12 months is shown in the margin. The increase is due to the appointment of an officer on special duty, acting allowances paid during leave vacancies and an increased nickel coinage.

	1910-11.	1909-10.
	₹	₹
Fixed establishment	2,19,370	2,02,087
Extra establishment and over-time pay	96,861	86,544
TOTAL	3,15,731	2,89,531

(c) *Copper used for alloy and for contingent purposes.*—The amount expended under this head was ₹18,339 as against ₹27,105 for 1909-1910.

(d) *Local and English stores.*—The expenditure under these heads amounted to ₹94,704 as compared with ₹77,078 in the preceding year, the increase being due to larger purchases of stores on account of the heavier nickel coinage.

(e) *Contingent Charges.*—These charges amounted to ₹24,752 and showed a slight reduction on last year's figures.

(f) *Transfer Charges.*—These amounted to ₹932 as against ₹1,264 in the preceding 12 months.

15. *Resumé of Revenue and Expenditure.*—The result of the transactions of the year, as summarised in Statement No. I, shows that, including interest on capital outlay, the year closed with a balance against the Mint of ₹4,31,725.

16. *Balances sunk in the Mint.*—The balance of silver bullion belonging to Government, valued at one rupee per tola of standard fineness, stood at the beginning of the year at ₹17,78,878 and at its close at ₹18,65,401. The average daily balance, exclusive of silver belonging to tenderers, was ₹18,75,205. The minimum daily balance was ₹11,81,092 on the 29th July 1910 and the maximum was ₹25,62,543 on the 24th November 1910.

17. *Capital Account.*—₹27,725 on account of buildings and ₹2,192 on account of machinery were added to their respective heads during the year. The balance at debit of this account at the end of the year after allowing for depreciation on buildings and plant stood at ₹38,78,313.

18. *Extensions.*—During the year under review the Public Works Department erected a new chimney costing ₹5,267; they also extended the east end of the Melting Hall and constructed a Silver ringing and Nickel packing room at a further expenditure of ₹18,075.

#### OFFENCES AGAINST THE COINAGE.

19. *Return of Counterfeit Coins.*—The usual return of counterfeit coins is appended to this report.

1,643 counterfeit coins (1,464 rupees, 58 half-rupees, 75 quarters and 46 one-eighths) were received for examination during the year as against 3,850 in 1909-1910 and were classified as follows:—

(i) 545 coins (94 castings and 451 struck) received from the Bombay, Baroda and Central India, Rajputana Malwa and Madras and Southern Mahratta Railways and 2 cast counterfeit coins received from other sources were accepted as exceptionally well executed.

(ii) 90 coins (71 castings and 19 struck) were sufficiently good to deceive the public as regards colour and finish.

(iii) The remaining 1,006 (689 castings and 317 struck) were in the majority of cases inferior specimens of low touch silver or base metal and noticeably false.

(The second and third classes above include coins which were returned to the Railways, as they did not come up to the standard of excellence required by Government.)

2,618 counterfeit coins (1,833 rupees, 32 half-rupees, 276 quarters and 477 one-eighths) were discovered in remittances of uncurrent coin to the Mint as against 2,574 in the previous year.

During the year under report 39,324 counterfeit coins were cut at Treasuries and Railways as against 29,679 in 1909-10.

160 one-anna pieces received for examination were found to be palpable cast counterfeits of base and inferior metal. In addition three counterfeit sovereigns were received during the year—one was a palpably cast counterfeit and the other two were moderately executed struck coins.



## I.

ACCOUNT of the TOTAL REVENUE and EXPENDITURE of the BOMBAY MINT during the year 1910-1911.

Approved of in Comptroller General's Letter No. 2012, dated 12th September 1908.

REVENUE.	R	a.	p.	R	a.	p.	EXPENDITURE.	R	a.	p.	R	a.	p.
<b>To CHARGES LEVIED—</b>							<b>By WORKING EXPENSES—</b>						
<i>Silver—</i>							<i>Loss on Coinage Operations—</i>						
Percentage on new rupee coinage . . . . .	...						<i>Silver—</i>						
Seigniorage on dollar coinage . . . . .	2,92,686	0	0				Operative losses . . . . .	39,309	15	9			
Seigniorage on subsidiary coinage for the Straits Government . . . . .	35,904	9	2				Loss on overstandard weight of new coins issued . . . . .	1,526	8	0			
Premelting fees . . . . .	37	8	0				Loss on withdrawals of uncurrent coin . . . . .	1,59,765	1	6			
Assay and melting fees (private) . . . . .	223	2	0				Miscellaneous . . . . .	221	1	5			
								2,00,822	10	8			
<i>Gold—</i>							<i>Less—</i>						
On bullion from Government Departments . . . . .	...			3,28,851	3	2	Surplus in the Bullion Office 183 0 0						
							Refined silver of Premelting and Bullion Departments . . . . .	183	0	0			
											2,00,839	10	8
							<b>MISCELLANEOUS CHARGES—</b>						
							Loss on melting gold . . . . .	...					
							Other items . . . . .	4,565	14	10			
											4,565	14	10
<b>To GAIN ON COINAGE OPERATIONS—</b>							<b>By SALARIES AND ESTABLISHMENT—</b>						
<i>Silver—</i>							Fixed Establishment . . . . .	2,19,369	10	11			
Gain by alligating under standard . . . . .	19,479	0	0				Extra Establishment . . . . .	95,370	4	11			
Do. Assay Benefit . . . . .	4,401	0	0				Overtime pay . . . . .	991	2	5			
Do. short weight of new coin issued . . . . .	...										3,15,731	2	3
Other items . . . . .	1,540	1	10				<b>By COPPER, BRONZE AND NICKEL—</b>						
							<i>R</i>						
							Used for alloy 17,216-8-0						
							Used for contingent purpose 1,228-6-3						
								18,444-14-3					
							<i>Less—</i>						
							Returned from troughs 105-10-9						
								18,339	3	6			
							Miscellaneous charges . . . . .	...					
											18,339	3	6
<i>Gold—</i>							<b>By LOCAL STORES PURCHASED—</b>						
Miscellaneous . . . . .	76	15	4				Coal, coke, charcoal and firewood . . . . .	20,127	8	10			
	0	6	4				Oil, grease and tallow . . . . .	3,815	3	5			
				25,497	7	6	Acids . . . . .	...					
							Iron and brassmongery and hardware . . . . .	935	0	7			
							Metals . . . . .	824	3	0			
							Wood for boxes . . . . .	1,224	9	9			
							Bullion trucks, moulds, etc. . . . .	1,933	4	5			
							Miscellaneous . . . . .	12,129	2	1			
											40,999	0	1
<b>o CASH RECEIPTS—</b>							<b>By CONTINGENT CHARGES—</b>						
For scales, weights and other articles supplied and work done for Private Individuals . . . . .	7,225	12	0				Books . . . . .	245	15	9			
							Scales and weights . . . . .	505	8	0			
							Cart, coolie, and boat-fire . . . . .	428	1	11			
Carried over . . . . .	...			3,54,348	10	8	Carried over . . . . .	...			5,80,274	15	4



## II.

## STATEMENT of the COINAGE of the BOMBAY MINT for the year 1910-1911.

	Tale of Pieces.	Nominal Value.	TOTAL.	
			Tale.	Value.
		R a. p.		R a. p.
Silver—				
Rupees . . . . .	7,242,454	72,42,454 0 0		
Half-Rupees . . . . .	809,504	4,04,752 0 0		
Quarter-Rupees . . . . .	1,032,109	2,58,027 4 0		
Eighth-Rupees . . . . .	1,701,015	2,12,626 14 0		
British Dollars . . . . .	5,552,910	*1,26,00,062 0 0		
Twenty Cents . . . . .	3,084,365	†9,40,002 0 0		
Ten cents . . . . .	1,560,419	†2,37,751 0 0		
Five Cents . . . . .	8,739,800	†6,65,811 0 0		
			29,722,576	2,25,61,486 2
Nickel—				
One-anna . . . . .	40,200,000	25,12,500 0 0		
Bronze . . . . .	Nil	Nil	40,200,000	25,12,500 0
GRAND TOTAL . . . . .	...	.....	69,922,576	2,50,73,986 2

\* This figure represents the outturn value of the dollars in standard tolas.  
 Do. do. cents. do.

## III.

## STATEMENT showing the COST of MISCELLANEOUS WORK done in the BOMBAY MINT during the year 1910-1911.

DESCRIPTION.	Amount.	Total.	REMARKS.
	R a. p.	R a. p.	
<i>Receipt.</i>			
Receipt for Medals, Seals, Stamps, etc. . . . .	5,329 0 0		
Adjusting Weights . . . . .	1,738 11 0		
Sale-proceeds of Treasure Trove coins . . . . .	91 6 0		
Miscellaneous . . . . .	2,764 8 0		
		9,923 9 0	
<i>Expenditure.</i>			
Engraver's Labour . . . . .	240 10 0		
Workshop do. . . . .	2,915 7 10		
Jeweller's do. . . . .	117 9 0		
Stores used (including gold, silver, nickel and copper) . . . . .	6,085 10 0	9,359 4 10	
NET PROFIT RUPEES . . . . .	...	564 4 2	Including Rs48-0-6, on sale of treasure gold and silver coins.



## IV.

STATEMENT of COUNTERFEIT COINS received at the BOMBAY MINT, showing also those cut and broken at the TREASURIES, compiled from the QUARTERLY RETURNS furnished by TREASURY OFFICERS during 1910-1911.

NAME OF PROVINCE.	Nominal value of remittances of uncurrent coins received at the Mint in thousand of rupees.	COUNTERFEITS RECEIVED AT THE MINT.												Counterfeit coins cut at the several Indian Treasuries as per Quarterly Returns furnished by the Treasury Officers and Railway Administrations under Article 591, Civil Account Code, and Government Resolution No. A-6192, dated 10th December 1901.				REMARKS.
		In remittances of uncurrent coins from Treasuries.				From Treasury and other officers under Article 581, Civil Account Code, and Government Resolution No. 1004-A, dated 21st February 1901.				Received at the Mint for examination.								
		R	½-R	¼-R	⅛-R	R	½-R	¼-R	⅛-R	R	½-R	¼-R	⅛-R	R	½-R	¼-R	⅛-R	
Bombay	2827.3	828*	15	92	144	472	16	29	6	379	16	13	8	12,368	616	819	940	*Includes 146 counterfeit rupees found in remittance of Rs. 95,044 received for special examination.
India	7.7	12	...	1	3	...	...	...	...	5	...	...	...	...	...	...	...	
Quetta (Baluchistan)	...	...	...	...	...	3	...	...	...	3	...	...	...	...	...	...	...	
Madrass	2028.9	244	6	94	162	145	5	10	8	34	...	2	3	14,644	1,774	1,736	1,984	
Punjab	3187.4	572	3	52	130	...	...	...	...	44	...	...	...	65	...	...	...	
United Provinces of Agra and Oudh	...	...	...	...	...	3	...	...	...	1	...	...	...	102	7	4	1	
Central Provinces	274.3	52	...	3	11	18	11	8	...	76	...	...	...	1,607	30	19	10	
Hyderabad (Deccan)	54.0	1	...	...	...	...	...	...	...	...	...	...	...	122	7	5	4	
Coochputana	444.0	54	8	4	2	80	...	...	...	140	10	13	21	1,250	27	11	12	
Central India	45.1	23	...	1	3	35	...	...	...	26	...	...	...	1,124	14	15	7	
Burma	46.0	11	...	29	21	...	...	...	...	...	...	...	...	...	...	...	...	
North-West Frontier Province	23.9	36	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	
TOTAL	8938.6	1,833	32	276	477	756	32	47	14	708	26	28	32	31,282	2,475	2,609	2,958	

### HIS MAJESTY'S ASSAY OFFICE.

No. 127, dated Bombay, the 24th July 1911.

From—Lieut.-Colonel A. MILNE, I.M.S., Assay Master, Bombay,

To—The Secretary to the Government of India, Finance Department.

I have the honour to submit the following report on the operations of the Assay Department, Bombay, for the official year 1910-1911.

2. *Number and description of Assays.*—The number of assays during the year amounted to 13,809 as against 17,225 in the previous financial year.

The details are shown in the following table :—

Description.	Number.	Total.
<b>GOLD.</b>		
Assays on gold from all sources . . . . .	906	
Check assays on fine gold . . . . .	104	1,010
<b>SILVER.</b>		
Assays on silver received for coinage . . . . .	1,618	
Do. alligated for silver standard coinage . . . . .	6,158	
Do. pyx coins . . . . .	2,839	
Do. miscellaneous . . . . .	819	
Check assays on fine silver . . . . .	928	12,362
<b>MISCELLANEOUS.</b>		
Parting assays . . . . .	55	
Assays on various metals and ores . . . . .	283	
Assays on Mint Drosses . . . . .	99	437
<b>TOTAL FOR THE YEAR . . . . .</b>		<b>13,809</b>

3. *Gold and silver assays.*—The total number of gold assays from all sources during the year was 1,010 as against 1,728 in the previous year ; of these 8 assays were done for the Mint.

The total number of silver assays from all sources was 12,362 as against 14,519 in the previous year ; of these 12,127 were done for the Mint.

4. *Meltings for silver standard coinage.*—Silver meltings for Rupees were assayed during the months of April, June to February 1911, for half Rupees June 1910 and February 1911, for quarter Rupees February and March 1911, for one-eighth Rupees February and March 1911, for British Dollars September to March 1911, for 20 Cents May and June 1910, for the 10 Cents June to August and September 1910, and 5 Cents April, July, August, November, December, February and March 1911.

The average fineness of the silver meltings was :—

For Rupees . . . . .	915.986	per mille.
For $\frac{1}{2}$ Rupees . . . . .	915.749	"
For $\frac{1}{4}$ Rupees . . . . .	915.439	"
For $\frac{1}{8}$ Rupees . . . . .	915.569	"
For British Dollars . . . . .	899.019	"
For twenty Cents . . . . .	597.193	"
For ten Cents . . . . .	596.686	"
For five Cents . . . . .	594.826	"

as shown in the following table :—

Months.	Rupees.	$\frac{1}{2}$ rupees.	$\frac{1}{4}$ rupees.	$\frac{1}{8}$ rupees.	British Dollars.	Twenty Cents.	Ten Cents.	Five Cents.
April 1910	915.950	...	...	...	...	...	...	594.774
May "	...	...	...	...	...	597.393	...	...
June "	916.028	915.800	...	...	...	596.999	596.580	...
July "	916.040	...	...	...	...	...	596.804	595.385
August "	916.036	...	...	...	...	...	596.480	594.817
September "	915.992	...	...	...	899.317	...	...	...
October "	916.070	...	...	...	899.122	...	...	...
November "	915.943	...	...	...	898.986	...	596.619	594.580
December "	915.871	...	...	...	898.937	...	...	594.390
January 1911	916.015	...	...	...	899.005	...	...	...
February "	915.837	915.711	915.425	915.542	898.919	...	...	595.200
March "	...	...	915.500	915.587	898.988	...	...	594.600
AVERAGE FOR THE YEAR.	915.986	915.749	915.439	915.569	899.019	597.193	596.686	594.826

5. *Gold in silver coinage.*—The average proportion of gold found by monthly parting assays in the silver pyx coins for the year was .398 per mille for rupees, .416 for  $\frac{1}{2}$  rupees, .328 for  $\frac{1}{4}$  rupees, .323 for  $\frac{1}{8}$  rupees, .143 for British Dollars, .075 for 20 Cents, .090 for 10 Cents, and .050 for 5 Cents.

6. *Pyx trials Rupees.*—The trials of these coins for weight amounted to 79, the total number weighed being 1,600. One trial disclosed one coin below the legal remedy. 20 fresh coins were weighed and found to be within remedy. The average weight of all was 180.148 grains, the lightest and heaviest coins weighed were respectively 179.10 and 180.90 grains.

The trials for fineness were also 79 ; 395 coins having been assayed singly and 1,975 in groups of 25 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 914.9 to 918.6 and the average fineness over 395 coins was 916.726 per mille. None of the coins was found beyond remedy. The 1,975 coins assayed in groups of 25 after melting gave an average fineness of 916.757, the lowest and the highest figures obtained for any melting of coins being respectively 916.2 and 917.3.

The average results are shown in the following table :—

Months.	Average weight of pyx Rupees grains.	AVERAGE FINENESS OF PYX RUPEES PER MILLE.		Gold per mille.
		Single.	Melted.	
April 1910	180.008	916.600	916.745	.382
June "	180.005	916.240	916.600	...
July "	180.019	916.889	916.844	.539
September "	180.053	916.769	916.812	.692
October "	180.010	916.885	916.837	.396
November "	180.021	916.511	916.557	.092
December "	180.010	916.532	916.575	.274
January 1911	180.007	916.870	916.875	.110
February "	180.016	916.545	916.575	.074
Average	180.148	916.726	916.757	.395



7. *Half Rupees.*—The trials of these coins for weight amounted to 11, the total number weighed being 220. None of these was found beyond remedy. The average weight of all was 90·014 grains; the lightest and heaviest coins weighed respectively 89·60 and 90·40 grains.

The trials for fineness were only 11 in number : 55 coins were assayed singly and 550 in groups of 50 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 915·2 to 918·2 and the average fineness over 55 coins was 916·476 per mille. No coin was found beyond remedy. The 550 coins assayed in groups of 50 after melting gave an average fineness of 916·591, the lowest and highest figures obtained for any melting of coins being respectively 916·2 and 917·0.

The average results are shown in the following table :—

MONTHS.		Average weight of pyx $\frac{1}{2}$ -R grains.	AVERAGE FINENESS OF PYX $\frac{1}{2}$ -RUPEES PER MILLE.		Gold per mille.
			Single.	Melted.	
June	1910	90·008	916·552	916·680	·551
February	1911	90·018	916·693	916·700	·315
March	„	90·021	916·133	916·333	·331
Average		90·014	916·476	916·591	·416

8. *Quarter Rupees.*—The trials of these coins for weight amounted to 11, the total number weighed being 110. None of these was found beyond remedy. The average weight of all was 44·99 grains; the lightest and heaviest coins weighed respectively 44·70 and 45·30 grains.

The trials for fineness were also 11 in number, 55 coins having been assayed singly, and 1,100 in groups of 100 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 915·2 to 917·5 per mille, and the average fineness of the 55 coins was 916·427 per mille. The 1,100 coins assayed in groups of 100 after melting gave an average fineness of 916·509, the lowest and highest figures obtained for any melting of coins being 916·0 and 917·2 per mille.

The average results are shown in the following table :—

MONTHS.		Average weight of pyx quarter Rupees, grains.	AVERAGE FINENESS OF PYX QUARTER RUPEES PER MILLE.		Gold per mille.
			Single.	Melted.	
February	1911	44·97	916·336	916·433	·315
March	„	45·00	916·450	916·537	·331
Average		44·99	916·427	916·509	·328

9. *One-eighth Rupees.*—The trials of these coins for weight amounted to 23, the total number weighed being 230. None of these was found beyond remedy. The average weight of all was 22·53 grains; the lightest and heaviest coins weighed respectively 21·90 and 22·80 grains.

The trials for fineness were 22 in number, 110 coins having been assayed singly and 5,000 in groups of 200 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 916·2 to 918·1 per mille and the average fineness of the 110 coins was 917·106 per mille. The 5,000 coins assayed in groups of 200 after melting gave an average fineness of 917·084, the lowest and highest figures obtained for any melting of coins being 916·7 and 917·5 per mille.

The average results are shown in the following table :—

MONTHS.	Average weight of pyx $\frac{1}{16}$ grains.	AVERAGE FINENESS OF PYX $\frac{1}{16}$ RUPEES PER MILLE.		Gold per mille.
		Single.	Melted.	
February 1911	22.49	917.137	916.977	.315
March „	22.54	917.095	917.144	.331
Average	22.53	917.106	917.084	.323

10. *British Dollars.*—The trials of these coins for weight amounted to 66, the total number weighed being 1,320. None of these was found beyond remedy. The average weight of all was 415.997 grains; the lightest and heaviest coins weighed respectively 414.10 and 417.90 grains.

The trials for fineness were 66 in number, 330 coins having been assayed singly and 990 in groups of 15 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 899.1 to 901.8 per mille and the average fineness of the 330 coins was 900.241 per mille. The 990 coins assayed in groups of 15 after melting gave an average fineness of 900.062, the lowest and highest figures obtained for any melting of coins being 899.5 and 900.4 per mille.

The average results are shown in the following table :—

MONTHS.	Average weight of pyx British Dollars, grains.	AVERAGE FINENESS OF PYX BRITISH DOLLARS PER MILLE.		Gold per mille.
		Single.	Melted.	
October 1910	416.037	900.235	900.058	.199
November „	416.070	900.141	899.947	.142
December „	415.973	900.232	899.940	.077
January 1911	415.971	900.361	900.157	.126
February „	415.898	900.186	900.092	.099
March „	416.000	900.404	900.240	.270
Average	415.997	900.241	900.062	.143

11. *Twenty Cent pieces.*—The trials of these coins for weight amounted to 41, the total number weighed being 410. None of these was found beyond remedy. The average weight of all was 83.84 grains; the lightest and heaviest coins weighed respectively 83.30 and 84.30 grains. The trials for fineness were also 41 in number, 205 coins having been assayed singly and 2,050 in groups of 50 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 596.0 to 604.0 per mille, and the average fineness of the 205 coins was 600.787 per mille. The 2,050 coins assayed in groups of 50 after melting gave an average fineness of 600.861, the lowest and highest figures obtained for any melting of coins being 599.3 and 602.6 per mille.

The average results are shown in the following table :—

MONTHS.	Average weight of pyx twenty cents pieces, grains.	AVERAGE FINENESS OF 20 CENTS PIECES PER MILLE.		Gold per mille.
		Single.	Melted.	
May 1910	83.86	600.935	600.985	.055
June „	83.83	600.912	600.871	.075
July „	83.83	599.555	600.400	.093
Average	83.84	600.787	600.861	.075

12. *Ten Cent pieces*.—The trials of these coins for weight amounted to 24, the total number weighed being 240. None of these was found beyond remedy. The average weight of all was 41·81 grains; the lightest and heaviest coins weighed respectively 41·50 and 42·10 grains. The trials for fineness were also 24 in number, 120 coins having been assayed singly and 2,400 in groups of 100 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 596·0 to 604·0 per mille, and the average fineness of the 120 coins was 600·575 per mille.

The 2,400 coins assayed in groups of 100 after melting gave an average fineness of 600·633; the lowest and highest figures obtained for any melting of coins being 599·2 and 602·0 per mille.

The average results are shown in the following table :—

Months.	Average weight of pyx ten cent pieces, grains.	AVERAGE FINENESS OF PYX TEN CENT PIECES PER MILLE.		Gold per mille.
		Single.	Melted.	
July 1910 . . .	41·74	600·512	600·508	·075
August „ . . .	41·97	600·640	601·233	·075
November „ . . .	41·88	600·638	600·600	·126
Average . . .	41·81	600·575	600·633	·090

13. *Five Cent pieces*.—The trials of these coins for weight amounted to 90, the total number weighed being 900. None of these was found beyond remedy. The average weight of all was 20·96 grains; the lightest and heaviest coins weighed respectively 20·60 and 21·40 grains. The trials for fineness were also 90 in number, 465 coins having been assayed singly and 18,000 in groups of 200 coins after melting. Of the coins assayed singly the extreme variations in fineness ranged from 596·0 to 604·0 per mille, and the average fineness of the 465 coins was 600·193 per mille. In three trials only were single coins found to be outside remedy, and the fresh pyxes called for in these cases disclosed no coin beyond remedy. The 18,000 coins assayed in groups of 200 after melting gave an average fineness of 600·411; the lowest and highest figures obtained for any melting of coins being 597·9 and 602·9 per mille.

The average results are shown in the following table :—

Months.	Average weight of pyx five cent pieces, grains.	AVERAGE FINENESS OF PYX FIVE CENT PIECES PER MILLE.		Gold per mille.
		Single.	Melted.	
April 1910 . . .	20·97	599·758	600·059	·044
May „ . . .	21·00	600·264	600·218	·055
August „ . . .	20·90	601·322	601·300	·061
December „ . . .	20·88	602·500	602·400	} ·092
January 1911 . . .	20·87	602·405	602·425	
March „ . . .	20·91	601·028	601·760	·066
Average . . .	20·96	600·193	600·411	·050



14. *Copper and Nickel assays.*—The copper and nickel assays done during the year are given in the following table :—

Months.	Description of coins.	No. of coins.	FINENESS PER CENT.			
			Copper.	Nickel.	Iron.	Carbon and Silica.
April 1910 . . . .	Nickel one-anna "pieces."	80	74.72	24.77	...	...
May " . . . .	Ditto . . . .	115	75.02	24.82	...	...
June " . . . .	Ditto . . . .	120	75.32	24.65	...	...
July " . . . .	Ditto . . . .	125	75.00	24.97	...	...
August " . . . .	Ditto . . . .	120	75.32	24.67	...	...
September " . . . .	Ditto . . . .	120	74.80	24.20	1.0	...
October " . . . .	Ditto . . . .	105	74.80	24.90	.3	...
November " . . . .	Ditto . . . .	105	75.40	24.60	...	...
December " . . . .	Ditto . . . .	80	75.00	25.00	...	...
January 1911 . . . .	Ditto . . . .	85	75.05	24.74	...	...
February " . . . .	Ditto . . . .	105	75.20	24.60	...	...
March . . . . .	Ditto . . . .	110	75.05	24.37	...	...
		Tolas.				Iron.
11 May 1910 . . . .	Sample of Nickel "grains."	50	.025	99.82	...	.052
23 August " . . . .	Ditto . . . .	50	.064	99.76	...	...
26 November " . . . .	Ditto . . . .	50	.020	99.97	...	...

15. *Summary of pyx trial.*—The results detailed in paragraphs 6, 7, 8, 9, 10, 11, 12 and 13 are summarised in the following table :—

Denominations.	Number of coins weighed singly.	Number of coins assayed singly.	Number of coins assayed after melting.	Average weight (grains).	Average fineness of coins assayed singly per mille.	Average fineness of coins assayed after melting per mille.	Proportion of gold in pyx coins per mille.
Rupees . . . . .	1,600	395	1,975	180.148	916.726	916.757	.398
$\frac{1}{2}$ " . . . . .	220	55	550	90.014	916.476	916.591	.416
$\frac{1}{4}$ " . . . . .	110	55	1,100	44.993	916.427	916.509	.328
$\frac{1}{8}$ " . . . . .	230	110	5,000	22.530	917.106	917.084	.323
B. Dollars . . . . .	1,320	330	990	415.997	900.241	900.062	.143
20 Cents. . . . .	410	205	2,050	83.840	600.787	600.861	.075
10 " . . . . .	240	120	2,400	41.815	600.575	600.633	.090
5 " . . . . .	900	465	18,000	20.965	600.193	600.411	.050

16. *Miscellaneous assays.*—Of the 283 assays under the head "Assays on various metals and ores" in paragraph 2 of this report, 282 were assays on counterfeit coins, and samples of nickel and copper received from the Mint Master, Bombay.

## NOTIFICATIONS.

## SEPARATE REVENUE.

## STAMPS.

*The 21st December 1911.*

No. 7489-F.—In exercise of the power conferred by section 35 of the Court Fees Act, 1870 (VII of 1870), the Governor General in Council is pleased to reduce the fees chargeable under clause (iii) of Article 17 of Schedule II of the said Act on plaints relating to suits instituted in the Chota Nagpur Division of the province of Bengal under sections 87 (1), 111 (8), 120 (read with section 87), 130 (1) and 252 (1) of the Chota Nagpur Tenancy Act, 1908 (Bengal Act VI of 1908), to the amount of an *ad valorem* fee chargeable under Article 1 of Schedule I of the Court Fees Act, 1870, in cases where the amount of such fee would be less than 10 rupees.

## SEPARATE REVENUE.

## STAMPS.

## JUDICIAL.

*The 21st December 1911.*

No. 7491-F.—In exercise of the powers conferred by section 35 of the Court Fees Act, 1870 (VII of 1870), the Governor General in Council is pleased to reduce to the sum of eight annas the court fees in excess of eight annas chargeable under the said Act on certified copies of entries in a record of rights of a village or a portion thereof, maintained under the Chota Nagpur Tenancy Act, 1908 (Bengal Act VI of 1908).

## LEAVE AND APPOINTMENTS.

*The 20th December 1911.*

No. 7449-F. E.—Mr. M. B. Comber, District Superintendent of Police in Burma, has been placed on special duty under this Department, with effect from the 8th December 1911.

*The 21st December 1911.*

No. 7476-F. E.—Mr. H. L. French is appointed to be additional Assistant Secretary to the Government of India, in the Finance Department, with effect from the 20th December 1911, to the end of March 1912.

No. 7481-F. E.—Mr. F. J. Wood of the Indian Finance Department attached to the office of the Examiner of Accounts, Military Works Services, has been granted privilege leave for 3 months, with effect from the 23rd November 1911.

J. S. MESTON,

*Secretary to the Government of India.*

## FINANCE DEPARTMENT—MILITARY FINANCE.

## NOTIFICATION.

## LEAVE AND APPOINTMENTS.

*Calcutta the 20th December 1911.*

No. 18-Accts.-Camp.—Mr. E. deSouza, Deputy Examiner, 2nd grade (temporary), Military Accounts Department, is granted privilege leave for one month and nine days, under Article 260, Civil Service Regulations, from the 2nd January 1912, or from the date thereafter on which he may avail himself of it.

B. W. MARLOW,

*for Joint Secretary to the Government of India.*

## DEPARTMENT OF COMMERCE AND INDUSTRY.

## NOTIFICATIONS.

## CUSTOMS.

*Calcutta, the 23rd December 1911.*

No. 9188-107.—In exercise of the power conferred by Section 19 of the Sea Customs Act, 1878 (VIII of 1878), the Governor-General in Council is pleased to prohibit the bringing by sea or by land into British India of any copy of the pamphlets in Tamil entitled "Kanavu, a poem and other songs" and "Arilorupangu, a short story," published by C. Subramanya Bharati and printed at Pondicherry.

## SALT.

*The 23rd December 1911.*

No. 9195-1.—Mr. E. St. C. L. Chopin, Superintendent, Northern India Salt Revenue Department, is granted privilege leave for 2 months, with effect from the 9th November 1911.

No. 9288-78.—In continuation of the Notification in this Department No. 6773-78, dated the 16th September 1911, Mr. H. A. R. Lyon, Assistant Commissioner, Northern India Salt Revenue, is granted an extension of privilege leave for four days.

## TELEGRAPH ESTABLISHMENT.

*The 23rd December 1911.*

No. 9359-168.—With reference to Notification No. 8949-169, dated the 3rd December 1909, Mr. F. E. Dempster, C.I.E., M.I.E.E., is appointed Director General of Telegraphs, sub. *pro tem.*, with effect from the 5th December 1911.

No. 9234—12.

## CUSTOMS.

*The 23rd December 1911.*

In exercise of the powers conferred by sections 22 and 23 of the Sea Customs Act, 1878 (VIII of 1878), in modification of the tariff values fixed by the Indian Tariff Act, 1894 (VIII of 1894), as amended by the Indian Tariff Act (1894) Amendment Act, 1896 (III of 1896), and as further altered from time to time by Notifications of the Governor General in Council, the Governor General in Council is pleased to fix, with effect from the 1st January 1912, for the articles specified in column 2 of the schedule hereto annexed, the tariff values stated in column 4 of the said schedule.

Provided that nothing in this Notification shall affect any additional duty imposed under the powers conferred by sections 8A and 8B of the Indian Tariff Act, 1894 (VIII of 1894), as amended by the Indian Tariff Act Amendment Act, 1899 (XIV of 1899), the Indian Tariff (Amendment) Act, 1902 (VIII of 1902), the Indian Tariff (Amendment) Act, 1903 (XII of 1903), and the Indian Tariff (Amendment) Act, 1904 (XI of 1904).

A. C. McWATERS,  
for Secretary to the Government of India.



## SCHEDULE IV.—(IMPORT TARIFF).

## GENERAL DUTIES.

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
<b>Animals, living.</b>			<b>R a.</b>	
1	HORSES, CATTLE, SHEEP, and all other living animals of all kinds	...	...	Free.
<b>Articles of Food and Drink.</b>				
2	COFFEE	cwt	35 0	Five per cent.
3	FRUITS AND VEGETABLES (except fresh fruits and vegetables not separately enumerated, which are free)—			
	Almonds without shell	"	65 0	"
	" in the shell	"	18 0	"
	" (kagazi)	"	45 0	"
	Cashew or cajoo kernels	"	25 0	"
	Cocoanuts, Straits	thousand	65 0	"
	" other	"	55 0	"
	" kernel (khopra)	cwt	20 0	"
	Currents	"	22 0	"
	Dates, dry, in bags	"	7 8	"
	" wet " baskets and bundles	"	5 0	"
	" " in pots, boxes, tins and crates	"	8 0	"
	Figs, Persian, dried	"	9 0	"
	Garlic	"	6 0	"
	Hops	...	...	Free.
	Pistachio nuts	cwt	45 0	Five per cent.
	Prunes, Bussora (álu-Bokhara)	...	ad valorem	"
	Raisins, black	...	"	"
	" kishmish, Persian Gulf	...	"	"
	" Munakka	cwt	10 8	"
	" other sorts	...	ad valorem	"
	Walnuts, all descriptions	...	"	"
	All other sorts of fruits and vegetables	...	"	"
4	GRAIN AND PULSE, including broken grain and pulse, but not including flour	...	...	Free.
5	MINERAL AND AERATED WATERS, and all unfermented and non-alcoholic beverages	...	ad valorem	Five per cent.
6	PROVISIONS, OILMAN'S STORES, AND GROCERIES—			
	Bacon	...	"	"
	Beef and Pork	...	"	"
	Bêche de mer	...	"	"
	Butter	lb	1 2	"
	Cassava, Tapioca or Sago	cwt	13 0	"
	Cheese	...	ad valorem	"
	China preserves in syrup	cwt (nett)	23 0	"
	" dry, candied	lb	0 5	"
	Cocum	cwt	4 8	"
	Fish-maws	...	...	Free.
	Flour	...	ad valorem	Five per cent.
	Ghi	cwt	65 0	"
	Margarine	...	ad valorem	"
	Pork hams	...	"	"
	Shark-fins	...	...	Free.
	Singally and sozille	...	...	"
	Vinegar, in casks	...	ad valorem	Two and one-half per cent.
	" not in casks—			
	Persian	...	"	Five per cent.
	Indian	...	"	"
	All other sorts of provisions, oilman's stores, and groceries	...	"	"
7	SPICES—			
	Betelnuts, raw, whole, split, or sliced, from Goa	cwt	13 8	"
	" " " " " Straits and Dutch East Indies	"	8 0	"
	" whole, from Ceylon	"	11 0	"
	" raw, split (sun-dried) from Ceylon	"	18 0	"
	" all other sorts	...	ad valorem	"
	Chillies, dry	cwt	14 0	"
	Coves	"	43 0	"
	" stems and heads	"	10 0	"
	" in seeds, narlavang	"	18 0	"

SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
<b>Articles of Food and Drink—<i>contd.</i></b>				
			<b>R a.</b>	
7	<b>SPICES—<i>contd.</i></b>			
	Ginger, dry . . . . .	cwt	28 0	Five per cent.
	Mace . . . . .	lb	1 10	"
	Nutmegs . . . . .	"	0 5½	"
	" in shell . . . . .	"	0 3½	"
	Pepper, black . . . . .	cwt	27 0	"
	" white . . . . .	"	47 0	"
	All other sorts of spices . . . . .	"	<i>ad valorem</i>	"
8	SUGAR, crystallised, beet . . . . .	cwt	10 0	"
	" and soft, refined in China . . . . .	"	10 0	"
	" " " from Java, 23 Dutch standard and above . . . . .	"	10 4	"
	" " " from Java, 16 to 22 Dutch standard . . . . .	"	9 4	"
	" " " from Java, 15 Dutch standard and under . . . . .	"	8 8	"
	" " " from Mauritius, equal to 16 Dutch standard and over . . . . .	"	9 12	"
	Molasses from Java . . . . .	"	2 4	"
	" " other countries . . . . .	"	3 0	"
	Sugar, all other sorts including saccharine produce of all kinds and confectionery . . . . .	"	<i>ad valorem</i>	"
9	TEA, black . . . . .	lb	0 11½	"
	" green . . . . .	"	0 10	"
<b>Chemicals, Drugs, Medicines, and Narcotics, and Dyeing and Tanning Materials.</b>				
10	<b>CHEMICAL PRODUCTS AND PREPARATIONS—</b>			
	Acid, sulphuric . . . . .	"	<i>ad valorem</i>	"
	Alkali, Indian (sajji-khar) . . . . .	cwt	2 0	"
	Alum . . . . .	"	4 12	"
	Arsenic (China mansil) . . . . .	"	25 0	"
	" other sorts . . . . .	"	<i>ad valorem</i>	"
	Bicarbonate of soda . . . . .	cwt	5 12	"
	Copperas, green . . . . .	"	<i>ad valorem</i>	Two and one-half per cent.
	Explosives, namely, blasting gelatine, dynamite, roburite, tonite, and all other descriptions, including detonators and blasting fuse . . . . .	"	"	Five per cent.
	Sal ammoniac . . . . .	cwt	31 0	"
	Sulphate of copper . . . . .	"	17 0	"
	Sulphur (brimstone), flour . . . . .	"	5 8	"
	" " roll . . . . .	"	5 4	"
	" " rough . . . . .	"	4 8	"
	All other sorts of chemical products and preparations, including saltpetre, borax, grape-sugar, and glucose, but excluding nitrate of soda, muriate of potash, sulphate of ammonia, sulphate of potash, kainit salts, nitrate of lime, calcium cyanamide, and mineral superphosphates, which are free . . . . .	"	<i>ad valorem</i>	"
11	<b>DRUGS, MEDICINES, AND NARCOTICS—</b>			
	Aloes, black . . . . .	"	"	"
	" Socotra . . . . .	"	"	"
	Aloe-wood . . . . .	"	"	"
	Anti-plague serum . . . . .	"	"	Free.
	Asafetida (hing) . . . . .	cwt	100 0	Five per cent.
	" coarse (hingra) . . . . .	"	30 0	"
	Atáry, Persian . . . . .	"	<i>ad valorem</i>	"
	Bánslochan (bamboo camphor) . . . . .	lb	0 7	"
	Brimstone (amalsára) . . . . .	"	<i>ad valorem</i>	"
	Calumba root . . . . .	cwt	15 0	"
	Camphor, refined, cake . . . . .	lb	1 8	"
	" partially refined, cake, in blocks of about 13lb . . . . .	"	1 2	"
	Camphor, in powder . . . . .	"	<i>ad valorem</i>	"
	Cassia lignea . . . . .	cwt	28 0	"
	China root (chobehini), rough . . . . .	"	9 0	"
	" " " scraped . . . . .	"	15 0	"
	Cocaine . . . . .	"	<i>ad valorem</i>	"
	Cubébs . . . . .	cwt	100 0	"
	Galangal, China . . . . .	"	5 4	"
	Pellitory (akalkara) . . . . .	"	<i>ad valorem</i>	"
	Peppermint, crystals . . . . .	"	"	"

SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
	<b>Chemicals, Drugs, Medicines, and Narcotics, and Dyeing and Tanning Materials—<i>concl.</i></b>		<i>R a.</i>	
11	<b>DRUGS, MEDICINES, AND NARCOTICS—<i>concl.</i></b>			
	Quinine and other alkaloids of chinchona . . . . .	...	...	Free.
	Salep . . . . .	cwt	175 0	Five per cent.
	Senna leaves . . . . .	...	<i>ad valorem</i>	"
	Storax, liquid (rose mellos or salaras) . . . . .	cwt	35 0	"
	All other sorts of drugs, medicines, and narcotics, except opium and tobacco (for which see Schedule III) . . . . .	...	<i>ad valorem</i>	"
12	<b>DYEING AND TANNING MATERIALS—</b>			
	Alizarine dye, dry, 40 per cent. . . . .	lb	1 3 $\frac{1}{4}$	"
	" " " 50 " . . . . .	"	1 7	"
	" " " 60 " . . . . .	"	1 10 $\frac{1}{2}$	"
	" " " 70 " . . . . .	"	1 14 $\frac{1}{2}$	"
	" " " 80 " . . . . .	"	2 2	"
	" " " 100 " . . . . .	"	2 8	"
	" " moist, 10 " . . . . .	"	0 4 $\frac{1}{2}$	"
	" " " 16 " . . . . .	"	0 6 $\frac{1}{2}$	"
	" " " 20 " . . . . .	"	0 7 $\frac{3}{4}$	"
	Aniline " " indigo blue . . . . .	"	0 6	"
	" " dry . . . . .	"	0 15	"
	" salts . . . . .	...	<i>ad valorem</i>	"
	Avar bark . . . . .	cwt	3 8	"
	Buzgand (gulpista) . . . . .	...	<i>ad valorem</i>	"
	Cochineal . . . . .	lb	0 14	"
	Gallnuts (myrabolams) . . . . .	...	<i>ad valorem</i>	"
	" Persian . . . . .	cwt	40 0	"
	Madder or manjit . . . . .	...	<i>ad valorem</i>	"
	Orehilla weed . . . . .	...	"	"
	Sappan wood and root . . . . .	...	"	"
	Turmeric . . . . .	...	"	"
	All other sorts of dyeing and tanning materials . . . . .	...	"	"
	<b>Metals and Manufactures of Metals.</b>			
13	<b>HARDWARE AND CUTLERY</b> , including ironmongery and plated-ware, and also including machines, tools, and implements to be worked by manual or animal labour. [ <i>Exceptions, which are free:</i> (i) Water-lifts, sugar-mills, oil-presses, and parts thereof, and any other machines and parts of machines ordinarily used in processes of husbandry, or for the preparation for use or for sale of the products of husbandry, which the Governor General in Council may, by notification in the <i>Gazette of India</i> , exempt; (ii) the following agricultural implements, when constructed so that they can be worked by manual or animal power, namely, winnowers, threshers, mowing and reaping machines, elevators, seed-crushers, chaff-cutters, root-cutters, horse and bullock gears, ploughs, cultivators, scarifiers, harrows, clod-crushers, seed-drills, hay tedders, and rakes; (iii) the following dairy appliances, when constructed so that they can be worked by manual or animal power, namely, cream separators, milk sterilizing or pasteurizing plant, milk aerating and cooling apparatus, churns, butter dryers, and butter workers; (iv) the following articles used in the manufacture of cotton, namely, bobbins (warping), forks for looms, healds, heald cords, heald knitting needles, laces, lags and needles for dobbies, pickers (buffalo and others), picking bands, picking levers, picking sticks (over and under), reed pliers, reeds, shuttles (for power looms), springs for looms, strappings, and weft forks; (v) box backs and swells and rough unshaped bobbin ends, when imported by or on behalf of a manufacturer or millowner, and certified by him to be intended exclusively for use in his mill)] . . . . .	...	"	"
14	<b>MACHINERY</b> , namely, prime-movers and component parts thereof, including boilers and component parts thereof; also including locomotive and portable engines, steam-rollers, fire-engines, and other machines in which the prime-mover is not separable from the operative parts . . . . .	...	...	Free.



SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
	<b>Metals and Manufactures of Metals—<i>contd.</i></b>		<b>R a.</b>	
14	<b>MACHINERY, ETC.—<i>contd.</i></b>			
	MACHINERY (and component parts thereof), meaning machines or sets of machines to be worked by electric, steam, water, fire or other power not being manual or animal labour, or which, before being brought into use, require to be fixed with reference to other moving parts; and including belting of all materials for driving machinery	...	...	Free.
	Provided that the term does not include tools and implements to be worked by manual or animal labour, and provided also that only such articles shall be admitted as component parts of machinery as are indispensable for the working of the machinery and are, owing to their shape or to other special quality, not adapted for any other purpose.			
	Note.—Machinery and component parts thereof made of substances other than metal are included in this entry.			
15	<b>METALS, unwrought and wrought, and articles made of metals—</b>			
	Brass, orsidue and leaves, European	...	<i>ad valorem</i>	Five per cent.
	" " " China	...	"	"
	" patent or yellow metal, sheets weighing 1lb or above per square foot, and sheathing, braziers, and plates	cwt	46 0	"
	" patent or yellow metal (old)	"	33 0	"
	" sheets, flat or in rolls, weighing less than 1lb per square foot	...	<i>ad valorem</i>	"
	" wire	...	"	"
	" all other sorts	...	"	"
	Copper, bolt and bar, rolled	...	"	"
	" braziers, sheets, plates and sheathing	cwt	54 0	"
	" nails and composition nails	...	<i>ad valorem</i>	"
	" old	cwt	42 0	"
	" pigs, tiles, ingots, cakes, bricks, and slabs	"	47 0	"
	" China, white, copperware	lb	2 0	"
	" foil or danksana, white, 10 to 11 in. x 4 to 5 in.	hundred leaves.	2 2	"
	" foil or danksana, coloured, 10 to 11 in. x 4 to 5 in.	"	2 4	"
	" wire, including phosphor-bronze	...	<i>ad valorem</i>	"
	" all other sorts, unmanufactured and manufactured, except current coin of the Government of India, which is free	...	"	"
	German silver	...	"	"
	Gold bullion and coin	...	"	Free.
	" leaf	...	<i>ad valorem</i>	Five per cent.
	Iron, anchors and cables	...	"	One per cent.
	" Lowmoor and similar qualities, all descriptions	...	"	"
	" angle, T, other than Lowmoor or Swedish	ton	93 0	"
	" angle, T, other than Lowmoor or Swedish, if galvanised, tinned, or lead-coated	...	<i>ad valorem</i>	"
	" bar, Swedish and similar qualities	ton	180 0	"
	" " Swedish and similar qualities, nail-rod, round-rod, and square, under half an inch in diameter	"	190 0	"
	" " other kinds	"	93 0	"
	" " " nail-rod, round-rod, and square, under half an inch in diameter	"	98 0	"
	" " " if galvanised, tinned, or lead-coated	...	<i>ad valorem</i>	"
	" beams, joists, pillars, girders, screw-piles, bridge-work, and other such descriptions of iron, imported exclusively for building purposes	...	"	"
	" channel, including channel for carriages	...	"	"
	" plate and sheet, Swedish and charcoal	...	"	"
	" bars, plates, and sheets, Swedish and charcoal, if galvanised, tinned, or lead-coated	...	"	"
	" plate, other kinds, above $\frac{1}{8}$ inch thick, and strips	ton	115 0	"
	" sheets, other kinds, up to $\frac{1}{8}$ inch thick	"	120 0	"
	" sheets (other than corrugated), plates, or strips, other kinds, if galvanised, tinned, lead-coated, chequered, or planished	...	<i>ad valorem</i>	"
	" sheets, corrugated, galvanised, or black	ton	180 0	"
	" hoop	"	125 0	"
	" nails, rose, wire, and flat headed	cwt	9 0	"
	" other kinds, including galvanised, tinned, or lead-coated	...	<i>ad valorem</i>	"
	" nuts and bolts, also hooks and nuts for roofing, galvanised or black	...	"	"

SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
<b>Metals and Manufactures of Metals—<i>concl'd.</i></b>				
<b>15 METALS, unwrought and wrought, and articles made of metals—<i>concl'd.</i></b>				
	Iron, old . . . . .	cwt	2 0	One per cent.
	" pig . . . . .	...	<i>ad valorem</i>	"
	" pipes and tubes, including fittings therefor, such as bends, boots, elbows, tees, sockets, flanges, and the like . . . . .	...	"	"
	" rails, chairs, sleepers and bearing, and fish-plates, spikes (commonly known as dog-spikes), switches and crossings, other than those described in No. 60, also lever-boxes, clips and tie-bars . . . . .	...	"	"
	" rice-bowls . . . . .	...	"	"
	" ridging, guttering, and continuous roofing . . . . .	...	"	"
	" rivets and washers, all sorts . . . . .	...	"	"
	" wire, including fencing wire and wire-rope, but excluding wire-netting . . . . .	...	"	"
	" cans, tinned, when imported containing petroleum, which is separately assessed to duty at one anna and six pies per Imperial gallon under No. 16 . . . . .	...	"	"
	" all other sorts, including discs or circles and wire-netting . . . . .	can	0 3½	Five per cent.
	Lametta . . . . .	...	<i>ad valorem</i>	"
	Lead, all sorts (except sheets for tea chests which are free) . . . . .	...	"	"
	Quicksilver . . . . .	lb	1 12	"
	Shot, bird . . . . .	cwt	18 0	"
	Steel, anchors and cables . . . . .	...	<i>ad valorem</i>	One per cent.
	" blooms . . . . .	...	"	"
	" angle, T . . . . .	ton	93 0	"
	" " and hoop, if galvanised, tinned, or lead-coated . . . . .	...	<i>ad valorem</i>	"
	" bars (other than cast steel) . . . . .	ton	93 0	"
	" " Swedish and similar qualities . . . . .	...	<i>ad valorem</i>	"
	" " nail-rod, round-rod and square, under ½ inch in diameter . . . . .	ton	98 0	"
	" bar, galvanised, tinned, lead-coated, planished, or polished . . . . .	...	<i>ad valorem</i>	"
	" channel, including channel for carriages . . . . .	...	"	"
	" plates above ½ inch thick, and strips . . . . .	ton	115 0	"
	" sheets up to ½ inch thick . . . . .	"	120 0	"
	" sheets (other than corrugated), plates, or strips, if galvanised, tinned, lead-coated, chequered or planished . . . . .	...	<i>ad valorem</i>	"
	" sheets, corrugated, galvanised or black . . . . .	ton	180 0	"
	" hoop . . . . .	"	125 0	"
	" nails . . . . .	...	<i>ad valorem</i>	"
	" nuts and bolts, also hooks and nuts for roofing, galvanised or black . . . . .	...	"	"
	" old . . . . .	cwt	2 0	"
	" beams, joists, pillars, girders, screw-piles, bridge-work, and other such descriptions of steel, imported exclusively for building purposes . . . . .	...	<i>ad valorem</i>	"
	" cast and blistered, including spring and tub steel . . . . .	...	"	"
	" ridging, guttering, and continuous roofing . . . . .	...	"	"
	" pipes and tubes, including fittings therefor, such as bends, boots, elbows, tees, sockets, flanges and the like . . . . .	...	"	"
	" rails, chairs, sleepers and bearing, and fish-plates, spikes (commonly known as dog-spikes), switches and crossings, other than those described in No. 60, also lever-boxes, clips, and tie-bars . . . . .	...	"	"
	" rivets and washers, all sorts . . . . .	...	"	"
	" wire, including fencing wire and wire rope, but excluding wire-netting . . . . .	...	"	"
	" cans, tinned, when imported containing petroleum, which is separately assessed to duty at one anna and six pies per Imperial gallon under No. 16 . . . . .	can	0 3½	Five per cent.
	" all other sorts, including discs or circles and wire-netting . . . . .	...	<i>ad valorem</i>	"
	Tin, block . . . . .	cwt	145 0	"
	" foil, and other sorts . . . . .	...	<i>ad valorem</i>	"
	Zinc or spelter, nails . . . . .	...	"	"
	" " tiles or slabs, soft . . . . .	cwt	23 0	"
	" " " " hard . . . . .	"	19 0	"
	" " all other sorts, including boiler tiles . . . . .	...	<i>ad valorem</i>	"
	All other sorts of metals . . . . .	...	"	"

SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
	<b>Oils.</b>		<b>Rs. a.</b>	
16	PETROLEUM, including also naphtha and the liquids commonly known by the names of rock-oil, Rangoon oil, Burma oil, kerosene, paraffin oil, mineral oil, petrolin, gasoline, benzol, benzoline, benzine, and any inflammable liquid which is made from petroleum, coal, schist, shale, peat or any other bituminous substance, or from any products of petroleum	Imperial gallon.	...	One anna and six pies.
	PETROLEUM which has its flashing point at or above two hundred degrees of Fahrenheit's thermometer and is proved to the satisfaction of the Customs Collector to be intended for use exclusively for the batching of jute or other fibre, or for lubricating purposes	...	<i>ad valorem</i>	Five per cent.
	PETROLEUM which has its flashing point at or above one hundred and fifty degrees of Fahrenheit's thermometer and is proved to the satisfaction of the Customs Collector to be intended for use exclusively as fuel or for some sanitary or hygienic purpose	...	...	"
	Cocconut oil	cwt	27 0	"
	All other sorts of oil, animal or vegetable (including otto of all kinds), and mineral, including paraffin wax	..	<i>ad valorem</i>	"
	<b>Other Articles, unmanufactured and manufactured.</b>			
17	APPAREL, including drapery, haberdashery, and millinery, and military and other uniforms and accoutrements; but excluding cotton hosiery (for which see No. 30) and boots and shoes (for which see No. 45), and excluding also uniforms, and accoutrements appertaining thereto, imported by a public servant for his personal use, which are free	...	"	"
18	ART, WORKS OF, except (1) statuary and pictures intended to be put up for the public benefit in a public place, and (2) memorials of a public character intended to be put up in a public place, including the materials used, or to be used, in their construction, whether worked or not, which are free	...	"	"
19	BAMBOOS, common, grass, hay, rushes, straw, and leaves	...	"	Free.
20	BOOKS, printed, including covers for printed books, maps, charts and plans, proofs, music, and manuscripts	...	"	"
21	BRISTLES AND FIBRE, for brushes and brooms	...	"	"
22	BRUSHES AND BROOMS, all sorts	...	<i>ad valorem</i>	Five per cent.
23	BUILDING AND ENGINEERING MATERIALS, namely, asphalt, bricks, and tiles, cement of all kinds, fireclay, earthenware piping, lime, and other kinds, not otherwise described	...	"	"
24	CABINETWARE AND FURNITURE	...	"	"
24a	CHALLENGE CUPS OR TROPHIES which have been won by any military unit (including volunteer corps) or by a particular member or members of any such unit in India or which have been sent by donors resident abroad for presentation or competition in India	...	"	Free.
	Provided that the articles are certified by the Officer Commanding the unit or brigade or any higher military authority or any of their staff officers as having been offered for competition or presented with the sole or main object of encouraging military efficiency; and that they have had engraved on them before being shipped the object for which presented and, except in the case of those sent by donors resident abroad for competition in India, the name of the winner or winners.	...	...	
25	CARRIAGES AND CARTS, including motor cars, bicycles, tricycles, jinrikshas, bath chairs, perambulators, trucks, wheelbarrows, and all other sorts of conveyances and component parts thereof, but excluding motor cars designed to carry goods and containing a prime-mover, which are free	...	<i>ad valorem</i>	Five per cent.
26	CHINESE AND JAPANESE WARE, including lacquered-ware, but excluding earthenware, china, and porcelain (for which see No. 32)	...	"	"
27	CLOCKS, WATCHES, and other time-keepers, and parts thereof	...	"	"
28	COAL, COKE, AND PATENT FUEL	...	"	Free.
29	CORDAGE, Rope and Twine made of any vegetable fibre	...	<i>ad valorem</i>	Five per cent.
30	COTTON, AND ARTICLES MADE OF COTTON—			
	Cotton, raw	...	"	Free.
	" twist and yarn	...	"	"
	" sewing and darning thread	...	"	"
	" piece-goods, hosiery, crochet cotton thread, and all other manufactured cotton goods not otherwise described	...	<i>ad valorem</i>	Three and one-half per cent.



SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
	<b>Other Articles, unmanufactured and manufactured</b> <i>—contd.</i>		<b>Rs. a.</b>	
31	EARTH, COMMON CLAY, AND SAND . . . . .	...	...	Free.
32	EARTHENWARE (except earthenware piping, for which see No. 23), china, china clay, porcelain, and imitation or false coral . . . . .	...	<i>ad valorem</i>	Five per cent.
33	FANS OF ALL KINDS, except common palm-leaf fans, which are free . . . . .	...	"	"
34	FIREWORKS, all sorts, including fulminating-powder . . . . .	"	"	"
35	FLAX, AND ARTICLES MADE OF FLAX, including linen-thread . . . . .	...	"	"
36	FURNITURE, TACKLE, AND APPAREL, not otherwise described, for steam, sailing, rowing, and other vessels . . . . .	...	"	"
37	GUMS, GUM-RESINS, and articles made of gum or gum-resin—			
	Copal . . . . .	...	"	"
	Cutch and gambier . . . . .	cwt	23 0	"
	Gamboge . . . . .	lb	1 12	"
	Gum Ammoniac . . . . .	cwt	20 0	"
	" Arabic . . . . .	"	25 0	"
	" Bdellium . . . . .	...	<i>ad valorem</i>	"
	" Benjamin, ras . . . . .	cwt	30 0	"
	" " cowrie . . . . .	"	80 0	"
	" Bysabol (coarse myrrh) . . . . .	"	27 0	"
	" Olibanum or frankincense . . . . .	...	"	Free.
	" Persian (false) . . . . .	cwt	15 0	Five per cent.
	Myrrh . . . . .	"	30 0	"
	Rosin . . . . .	"	16 0	"
	All other sorts of gums, gum-resins, and articles made of gum or gum-resin, including caoutchouc and gutta-percha . . . . .	...	<i>ad valorem</i>	"
38	HEMP, including Manila hemp, and articles made therefrom . . . . .	...	"	"
39	HIDES AND SKINS (except raw or salted hides and skins, which are free), including parchment and vellum, gold-beaters skins, and all other descriptions of hides or skins . . . . .	...	"	"
40	HORN . . . . .	...	"	Free.
	" articles made of, not otherwise described . . . . .	...	<i>ad valorem</i>	Five per cent.
41	INSTRUMENTS, APPARATUS, AND APPLIANCES, and parts thereof— Computing, Dental, Distilling, Diving, Drawing, Educational, Electric, Electric lighting, Galvanic, Measuring, Musical, Optical, Philosophical, Phonographic, Photographic (including materials for Photography), Scientific, Surgical, Surveying, Telegraphic, Telephonic, Typewriters, and all other sorts, except Telegraphic instruments and apparatus, and parts thereof, when imported by or under the orders of a railway company, and any instruments, apparatus, and appliances when imported by a passenger as part of his personal baggage and in actual use by him in the exercise of his profession or calling, which are free. All band instruments (other than stringed instruments), imported by a Native regiment of His Majesty's regular forces in India, or by a unit of the Imperial Service Troops, or by a Military Police Battalion, and certified by the Officer Commanding the regiment or unit or the officer in charge of the Military Police Battalion to be for the <i>bonâ fide</i> exclusive use of the regimental band, or the band attached to the Military Police Battalion, as the case may be, and the following accessories thereto, are also free of duty :— Bags for bagpipes. Cardholders. Carriages (brown or black). Cases for reeds and mouthpieces. Cases (leather or wooden). Chanters, pipe, and practice. Cleaners for brass and reed instruments. Cord for bagpipes. Crooks. Drones for bagpipes. Drum heads. Drum sticks. Drum flesh hoops. Fingertops. Green broadcloth for drums. Green silk ribbon for drums. Key pads for reed instruments. Ligatures for reed instruments. Mouthpieces and caps therefor. Mutes for brass instruments. Pipe tassels for bagpipes. Reeds. Ribbons for bagpipes. Ropes for drums. Sanks and slides for brass instruments. Silver buckles for drums. Silver buttons for drums. Springs. Snare. Taps for brass instruments. Valve corks. Valve tops and needles.			

SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
	<b>Other Articles, unmanufactured and manufactured</b> — <i>contd.</i>		<b>Rs a.</b>	
42	<b>IVORY AND IVORY-WARE—</b> Unmanufactured— Elephants' grinders . . . . .	cwt	300 0	Five per cent.
	" tusks (other than hollows, centres, and points) each exceeding 20lb in weight, and hollows, centres, and points each weighing 10lb and over . . . . .	"	950 0	"
	Elephants' tusks (other than hollows, centres, and points) not less than 10lb and not exceeding 20lb each, and hollows, centres, and points each weighing less than 10lb . . . . .	"	850 0	"
	Elephants' tusks, each less than 10lb (other than hollows, centres, and points) . . . . .	"	600 0	"
	Sea-cow or moye teeth, each not less than 4lb . . . . .	"	250 0	"
	Sea-cow or moye teeth, each not less than 3lb and under 4lb . . . . .	"	215 0	"
	Sea-cow or moye teeth, each less than 3lb . . . . .	"	150 0	"
	All other sorts, manufactured and unmanufactured . . . . .	...	<i>ad valorem</i>	"
43	<b>JEWELLERY AND JEWELS</b> , including plate and other manufactures of gold and silver— Silverware, plain . . . . . } other than . . . . . { tola " embossed or chased . . . . . } European . . . . . { " . . . . .		1 2 1 6	" "
	All other sorts, except precious stones and pearls, unset, which are free . . . . .	...	<i>ad valorem</i>	"
44	<b>JUTE</b> , raw . . . . .	...	...	Free.
	" articles made of, except secondhand or used gunny bags, which are free . . . . .	...	<i>ad valorem</i>	Five per cent.
45	<b>LEATHER</b> , and articles made of leather, including boots and shoes, harness and saddlery, except saddlery of a military pattern imported by an officer of His Majesty's regular forces and forming part of the equipment with which he is required to supply himself under Army Regulations, which is free . . . . .	...	"	"
46	<b>MALT</b> . . . . .	...	"	"
47	<b>MANURES</b> of all kinds, including animal bones . . . . .	...	...	Free.
48	<b>OILCAKE</b> , also bran, fodder, and cattle-food of all kinds . . . . .	...	...	"
49	<b>OIL-CLOTH AND FLOOR-CLOTH</b> , including lincrusta, linoleum, and tarpaulins . . . . .	...	<i>ad valorem</i>	Five per cent.
50	<b>PAINTS, COLOURS, PAINTERS' MATERIALS</b> and compositions for application to leather, wood, and metals— Lead, red, dry . . . . .	cwt	15 8	"
	" white, dry . . . . .	"	17 0	"
	Ochre, other than European, all colours . . . . .	"	3 12	"
	Paints, composition . . . . .	...	<i>ad valorem</i>	"
	" patent driers . . . . .	...	"	"
	Turpentine . . . . .	Imperial gallon.	3 12	"
	Verdigris . . . . .	...	<i>ad valorem</i>	"
	Vermilion, Canton . . . . .	box of 90 bundles.	115 10	"
	Zinc, white, dry . . . . .	...	<i>ad valorem</i>	"
	All other sorts, including glue and putty . . . . .	...	"	"
51	<b>PAPER, PASTEBOARD, MILLBOARD, AND CARDBOARD</b> of all kinds, including ruled or printed forms and account and manuscript books, labels, advertising circulars, sheet or card almanacs and calendars, Christmas, Easter, and other cards, including cards in booklet form, including also waste paper and old newspapers for packing, but excluding trade catalogues and advertising circulars imported by packet, book or parcel post, which are free . . . . .	...	"	"
	<b>PAPER</b> , articles made of paper and papier-mâché . . . . .	...	"	"
52	<b>PERFUMERY—</b> Gowla, husked and unhusked . . . . .	cwt	47 0	"
	Kapurkachri (zedoary) . . . . .	"	15 0	"
	Patch leaves (patchouli) . . . . .	"	16 0	"
	Rose-flowers, dried . . . . .	"	22 0	"
	Rose-water . . . . .	Imperial gallon.	2 6	"
	All other sorts, except perfumed spirit (for which see Schedule III) . . . . .	...	<i>ad valorem</i>	"

SCHEDULE IV.—(IMPORT TARIFF)—*contd.*GENERAL DUTIES—*contd.*

	Names of Articles.	Per	Tariff Valuation.	Duty.
			<i>R a.</i>	
	<b>Other Articles unmanufactured and manufactured—<i>contd.</i></b>			
53	<b>PITCH, TAR, AND DAMMER—</b>			
	Bitumen . . . . .	...	<i>ad valorem</i>	Five per cent.
	Dammer . . . . .	...	"	"
	Pitch, American and European . . . . .	...	"	"
	" coal . . . . .	...	"	"
	Tar, American and European . . . . .	...	"	"
	" coal . . . . .	...	"	"
	" mineral . . . . .	...	"	"
54	PLANTS AND BULBS, living, also dried for herbaria . . . . .	...	...	Free.
55	PRECIOUS STONES AND PEARLS, unset (including the stones generically known as Cambay stones, such as agates, cornelians, and onyx) . . . . .	...	...	"
56	PULP of wood, straw, rags, paper and other materials . . . . .	...	...	"
57	PRINTING AND LITHOGRAPHING MATERIALS, namely, presses, type, ink, brass rules, composing sticks, chases, imposing tables, and lithographic stones, stereo-blocks, roller moulds, roller frames and stocks, roller composition, standing screw and hot presses, perforating machines, gold blocking presses, stereotyping apparatus, metal furniture, paper folding machines and paging and numbering machines, but not including paper . . . . .	...	...	"
58	RAGS . . . . .	...	...	"
59	RACKS for the withering of tea leaf . . . . .	...	...	"
60	RAILWAY MATERIAL for permanent-way and rolling-stock, namely, cylinders, girders, and other material for bridges, rails, sleepers, bearing and fish-plates, fish-bolts, chairs, spikes, crossings, sleeper fastenings, switches, interlocking apparatus, brake gear, couplings and springs, signals, turn-tables, weigh-bridges, engines, tenders, carriages, wagons, traversers, trollies, trucks, and component parts thereof; also the following articles when imported by or under the orders of a railway company, namely, cranes, water cranes, water tanks, and standards, wire and other materials for fencing: Provided that for the purpose of this exemption "railway" means a line of railway subject to the provisions of the Indian Railways Act, 1890, and includes a railway constructed in a Native State, under the suzerainty of His Majesty, and also such tramways as the Governor-General in Council may, by notification in the <i>Gazette of India</i> , specifically include therein . . . . .	...	...	"
61	SEEDS, except oil-seeds imported into British India by sea from the territories of any Native Prince or Chief in India which are free— All sorts . . . . .	...	<i>ad valorem</i>	Five per cent.
62	SHELLS AND COWRIES— Chanks—large shells, for cameos . . . . . " white, live . . . . . " " dead . . . . . Cowries . . . . . Cowries, bazar, common . . . . . " yellow, superior quality . . . . . " Maldiva . . . . . " Sankhla . . . . . Mother-of-pearl, nacre . . . . . Nakhla . . . . . Tortoise-shell . . . . . " nakh . . . . . All other sorts, including articles made of shell, not otherwise described . . . . .	... ... ... ... cwt " " " " cwt " " " cwt " " ...	" " " " 4 0 5 8 7 0 115 0 110 0 12 0 5 0 " <i>ad valorem</i>	" " " " " " " " Free. Five per cent. " " "
63	SHIPS AND OTHER VESSELS for inland and harbour navigation, including steamers, launches, boats, and barges, imported entire or in sections . . . . .	...	...	Free.



SCHEDULE IV.—(IMPORT TARIFF)—*concl'd.*GENERAL DUTIES—*concl'd.*

No.	Names of Articles.	Per	Tariff Valuation.	Duty.
	<b>Other Articles, unmanufactured and manufactured—<i>concl'd.</i></b>		<i>R a.</i>	
64	<b>SILK AND ARTICLES MADE OF SILK—</b>			
	Bokhara . . . . .	lb	9 0	Five per cent.
	Floss . . . . .	...	<i>ad valorem</i>	"
	Piece-goods . . . . .	...	"	"
	Sewing thread, China . . . . .	...	"	"
	Raw silk—Chaharam, Indo-China, and yellow Shanghai . . . . .	lb	5 0	"
	Mathow . . . . .	"	3 6	"
	Other kinds of China, including re-reeled silk . . . . .	"	6 8	"
	Waste and Kachra . . . . .	...	<i>ad valorem</i>	"
	Panjam . . . . .	lb	2 6	"
	Persian . . . . .	"	4 8	"
	Siam . . . . .	"	3 6	"
	All other sorts, including cocoons . . . . .	...	<i>ad valorem</i>	"
65	SOAP . . . . .	...	"	"
66	SPECIMENS ILLUSTRATIVE OF NATURAL SCIENCE, including also antique coins and medals . . . . .	...	...	Free.
67	STATIONERY, excluding paper (for which see No. 51) . . . . .	...	<i>ad valorem</i>	Five per cent.
68	STONE AND MARBLE, and articles made of stone and marble . . . . .	...	"	"
69	TALLOW AND GREASE, including stearine . . . . .	...	"	"
70	TEA CHESTS of metal or wood, whether imported entire or in sections, provided that the Customs Collector is satisfied that they are imported for the purpose of the packing of tea for transport in bulk . . . . .	...	"	Free.
71	TEXTILE FABRICS, not otherwise described . . . . .	...	<i>ad valorem</i>	Five per cent.
72	TOILET REQUISITES, not otherwise described . . . . .	...	"	"
73	TOYS, including toy-books, and requisites for all games . . . . .	...	"	"
74	UMBRELLAS, parasols, and sun-shades of all kinds . . . . .	...	"	"
75	WALKING STICKS and sticks for umbrellas, parasols, and sun-shades of all kinds, mounted and unmounted, driving, riding, and other whips, fishing-rods and lines . . . . .	...	"	"
76	WOOD AND TIMBER (except firewood, which is free), and articles made of wood, not otherwise described . . . . .	...	"	"
77	WOOL, raw . . . . .	...	...	Free.
	" articles made of, including felt . . . . .	...	<i>ad valorem</i>	Five per cent.
78	ALL OTHER ARTICLES, manufactured or unmanufactured, not described in the Schedule . . . . .	...	"	"

## ARMY DEPARTMENT.

*Fort William, the 22nd December 1911.*

## APPOINTMENTS.

## INDIAN ARMY.

**No. 1038.**—The following admissions to the Indian Army are made subject to confirmation by the Most Hon'ble the Secretary of State for India :—

*To be Lieutenants.*

Lieutenant Philip Conder, Double Company Officer, 19th Punjabis, from The Cheshire Regiment. Dated 1st September 1911, but to rank from 11th March 1910.

Lieutenant Colin McDiarmid Allardice, Double Company Officer, 14th King George's Own Ferozepore Sikhs, from The East Lancashire Regiment. Dated 21st September 1911, but to rank from 29th November 1908.

Lieutenant Charles Gilmore Bacon, Double Company Officer, 66th Punjabis, from The Royal Garrison Artillery. Dated 4th September 1911, but to rank from 25th October 1908.

Lieutenant Christopher Delabere May, Double Company Officer, 5th Light Infantry, from The East Yorkshire Regiment. Dated 21st September 1911, but to rank from 4th August 1909.

Lieutenant Charles Hugh Donovan, Double Company Officer, 94th Russell's Infantry, from The Royal Irish Regiment. Dated 6th September 1911, but to rank from 27th August 1910.

Lieutenant Francis Joseph Owen Hume-Wright, Double Company Officer, 16th Rajputs (The Lucknow Regiment), from The Cheshire Regiment. Dated 8th September 1911, but to rank from 29th November 1908.

Lieutenant James Lionel Cathcart Dempster, Double Company Officer, 66th Punjabis, from The Leicestershire Regiment. Dated 18th September 1911, but to rank from 6th October 1909.

Lieutenant Wilfrid Taylor Fletcher, Double Company Officer, 97th Deccan Infantry from The Prince of Wales' Leinster Regiment (Royal Canadians). Dated 3rd September 1911, but to rank from 27th August 1910.

Lieutenant Archibald Henry Manklow, Double Company Officer, 39th Garhwal Rifles, from The Royal Berkshire Regiment. Dated 5th September 1911, but to rank from 4th August 1909.

Lieutenant John Gordon Craufurd, Double Company Officer, 1st Brahmans, from The East Yorkshire Regiment. Dated 6th October 1911, but to rank from 15th December 1908.

Lieutenant James Newmarch Fenton, Double Company Officer, 17th Infantry (The Loyal Regiment), from The Essex Regiment. Dated 25th September 1911, but to rank from 24th April 1908.

Lieutenant Frank Nowell Lane, Double Company Officer, 7th Gurkha Rifles, from the King's Own (Royal Lancaster Regiment). Dated 12th September 1911, but to rank from 4th August 1909.

Lieutenant Philip John Reynell Wigley, Double Company Officer, 90th Punjabis, from The King's Own (Royal Lancaster Regiment). Dated 7th October 1911, but to rank from 9th January 1910.

Lieutenant David Guy Porteous, Double Company Officer, 90th Punjabis, from The East Lancashire Regiment. Dated 2nd November 1911 but to rank from 29th November 1908.

Lieutenant Max Emile de Baillon Goldman-Monk, Double Company Officer, 91st Punjabis (Light Infantry), from The Royal Field Artillery. Dated 10th September 1911, but to rank from 20th March 1909.

Lieutenant Clive Kirkpatrick Daly, Double Company Officer, 119th Infantry (The Mooltan Regiment), from The Royal Garrison Artillery. Dated 14th October 1911, but to rank from 18th March 1910.

Lieutenant Arthur Charles Sinclair Hind, Double Company Officer, 110th Mahratta Light Infantry, from The Dorsetshire Regiment. Dated 16th September 1911, but to rank from 24th April 1908.

Lieutenant William Edmund Hunt Condon, Double Company Officer, 17th Infantry (The Loyal Regiment), from The Royal Field Artillery. Dated 28th September 1911, but to rank from 20th March 1909.

Lieutenant Richard Charles Simpson, Double Company Officer, 130th King George's Own Baluchis (Jacob's Rifles), from The Sherwood Foresters (Nottinghamshire and Derbyshire Regiment). Dated 6th October 1911, but to rank from 16th April 1909.

Lieutenant Brian Ponsonby Fitzgerald Moore, Double Company Officer, 1st Brahmans, from The Royal Irish Fusiliers. Dated 21st October 1911, but to rank from 9th January 1910.

Lieutenant Beresford Herbert Wallis, Double Company Officer, 107th Pioneers, from The Royal Irish Regiment. Dated 7th October 1911, but to rank from 19th December 1910.

Second-Lieutenant Eric Nelson Carter, Double Company Officer, 112th Infantry, from The Essex Regiment. Dated 5th November 1911, but to rank from 22nd May 1910.

Second-Lieutenant Ronald Heathcote Mylne, Double Company Officer, 10th Gurkha Rifles, from The Border Regiment. Dated 4th October 1911, but to rank from 6th January 1909.

Second-Lieutenant Arthur Hugh Dobbs, Double Company Officer, 76th Punjabis, from The King's (Shropshire Light Infantry). Dated 9th September 1911, but to rank from 27th August 1910.

#### MEDICAL DEPARTMENT.

No. 1039.—Surgeon-General A. T. Sloggett, C.B., C.M.G., Army Medical Service, is appointed Principal Medical Officer, His Majesty's Forces in India, with effect from the 31st December 1911, *vice* Surgeon-General Sir F. W. Trevor, K.C.S.I., C.B., M.B., Army Medical Service, vacated.

#### INDIAN MEDICAL SERVICE.

No. 1040.—The undermentioned officers of the Indian Medical Service, having completed their courses at the Royal Army Medical College and at Aldershot, have been finally admitted to the service. Their commissions will bear date the 29th July 1911:—

Edward Slade Goss.

Percival Sandys Connellan.

#### HONORARY DISTINCTIONS.

No. 1041.—The Governor-General in Council has much gratification in announcing that His Majesty the King-Emperor has been graciously pleased to approve of the designations of the undermentioned Corps being altered as follows:—

33rd Queen's Own Light Cavalry	33rd Queen Victoria's Own Light Cavalry.
Queen's Own Corps of Guides (Lumsden's).	Queen Victoria's Own Corps of Guides (Lumsden's).
2nd Queen's Own Sappers and Miners.	2nd Queen Victoria's Own Sappers and Miners.
2nd Queen's Own Rajput Light Infantry.	2nd Queen Victoria's Own Rajput Light Infantry.

#### LONDON GAZETTE.

No. 1042.—The following extracts are published for general information:—

"London Gazette" dated the 21st November 1911, pages 8451 and 8452.

\* \* \* \* \*

India Office,

November 21, 1911.

The KING has approved of the following promotions of Officers of the Indian Army and Indian Medical Service:—

#### INDIAN ARMY.

*Majors to be Lieutenant-Colonels.*

Dated 17th September 1911.

Charles Tarrant Swan, Commandant, 64th Pioneers.

Dated 18th September 1911.

Alexander John Wogan Browne, Commandant, 33rd Queen's Own Light Cavalry.



*Brevet-Major to be Major.*

Dated 4th October 1911.

Clive Wigram, M.V.O., 18th King George's Own Lancers.

*Captain to be Major.*

Dated 11th October 1911.

Hunter Carmichael Steen, 114th Mahrattas.

*Lieutenants to be Captains.*

Dated 5th October 1911.

Edward Somerville Wheeler, 37th Dogras.

Dated 6th October 1911.

John Campbell, 29th Punjabis.

## INDIAN MEDICAL SERVICE.

*Captain to be Major.*

Dated 27th July 1911.

Edward Owen Thurston, M.B., F.R.C.S.

The KING has approved of the retirement of the undermentioned officers of the Indian Army and Indian Medical Service.

## INDIAN ARMY.

Colonel Willoughby Thuillier. Dated 25th October 1911.

Colonel Alfred Montanaro. Dated 1st November 1911.

Colonel Alexander Bulstrode Fenton, C.B. Dated 12th November 1911.

Lieutenant-Colonel John Davies. Dated 9th November 1911.

Major Sir Thomas Selby Tancred, Bart. Dated 14th October 1911.

Major James Craik. Dated 7th November 1911.

Major Frederick Welman Hawks. Dated 15th November 1911.

## INDIAN MEDICAL SERVICE.

Lieutenant-Colonel Charles Norman Bensley. Dated 12th November 1911.

"London Gazette," dated the 24th November 1911, pages 8716, 8718, 8723 and 8724.

War Office,

November 24th 1911.

## MEMORANDA.

Colonel (temporary Brigadier-General) George J. Younghusband, C.B., Indian Army, to be Major-General, *vice* Sir H. M. P. Hawkes, K.C.B., C.S.I., who has retired. Dated 29th August 1911.

The undermentioned native officer, Indian Army, is granted the honorary rank of Captain on retirement:—

Risaldar-Major Gurdatt Singh, Sardar Bahadur, 12th Cavalry. Dated 1st February 1911.

India Office,

November 24, 1911.

## QUEEN ALEXANDRA'S MILITARY NURSING SERVICE FOR INDIA.

The undermentioned ladies have been appointed Nursing Sisters:—

Dated 18th September 1911.

Miss Winifred Oke Cleave.

Dated 19th September 1911.

Miss Annie Marion Bird.

Miss Rosamond Lucy Nevile.

Miss Annie Gertrude Veech.

## PROMOTIONS.

### CANTONMENT MAGISTRATES' DEPARTMENT.

No. 1043.—Consequent on the retirement of Lieutenant-Colonel J. H. Christie, Indian Army, the following promotions are notified with effect from the 30th October 1911:—

Lieutenant-Colonel F. J. B. Campbell, Indian Army, 2nd Grade Cantonment Magistrate, to be 1st grade Cantonment Magistrate (Provisional).

Lieutenant-Colonel A. T. H. Newnham, Indian Army, 3rd Grade Cantonment Magistrate, to be 2nd Grade Cantonment Magistrate (Provisional).

Major E. T. Carwithen, Indian Army, 3rd Grade Cantonment Magistrate (Provisional), to be "Substantive".

Major P. N. Leslie, Indian Army Assistant Cantonment Magistrate, to be 3rd Grade Cantonment Magistrate (Provisional).

Captain H. F. W. Paterson, Indian Army (32nd Pioneers) officiating Assistant Cantonment Magistrate, to be Assistant Cantonment Magistrate (Substantive).

### INDIAN ARMY.

No. 1044.—The following promotions are made subject to His Majesty's approval:—

#### *Lieutenants to be Captains.*

18th October 1911.

Frederick Eckstein Hunt, D.S.O., 29th Lancers (Deccan Horse).

19th December 1911.

Harold Bazalgette Skinner, 2nd Queen's Own Rajput Light Infantry.

#### *Second Lieutenants to be Lieutenants.*

8th December 1911.

Austin Henry Williams, 38th King George's Own Central India Horse.

Duncan Baillie, 9th Gurkha Rifles.

Leslie Eric Barton, 30th Punjabis.

Arthur Henry Wildman, 130th King George's Own Baluchis (Jacob's Rifles).

George Osborne DeRenzy Channer, 7th Gurkha Rifles.

Edward Massy Dennys, 4th Gurkha Rifles.

Harold Turner Rohde, 89th Punjabis.

Angus Menzies Kennedy, 8th Gurkha Rifles.

Charles Robert Senhouse Pitman, 27th Punjabis.

Lionel Bickersteth Rundall, 1st King George's Own Gurkha Rifles (The Malaun Regiment).

James McKenzie Anderson, 109th Infantry.

Cyril Arthur Raynor, 48th Pioneers.

Pietro Rudolph Quayle, 127th Queen Mary's Own Baluch Light Infantry.

Henry Harold Rookhurst Deane, 64th Pioneers.

Guy Walsh Blackburn Scratton, 19th Lancers (Faue's Horse).

Abercromby Graham Ogilvy, 38th Dogras.

Leslie Vincent Hoyne-Fox, 120th Rajputana Infantry.

Alexander Edward Drysdale, 47th Sikhs.

Guy Durand Ozanne, 99th Deccan Infantry.

Garnet St. John Richardson, 7th Duke of Connaught's Own Rajputs.

Andrew Vere Myles, 9th Bhopal Infantry.

Lawrence Hungerford Jackson, 13th Rajputs (The Shekhawati Regiment).

Desbrisay Blundell Mein, 55th Coke's Rifles (Frontier Force).

Charles Grey Yule Skipwith, 17th Cavalry.

Bertie Arthur Stephen Brunskill, 79th Carnatic Infantry.

George Frederick Cortlandt Shakespear, 94th Russell's Infantry.

William Hickley Lovell O'Neill, 51st Sikhs (Frontier Force).

Henry Finnis, 72nd Punjabis.  
 William Clement Francis Allan Wilson, 104th Wellesley's Rifles.  
 John Forbes Meiklejohn, 33rd Queen's Own Light Cavalry.  
 Edward Harry Brock Ozanne, 121st Pioneers.  
 Maynard Henry Crawford Conybeare, 114th Mahrattas.  
 Henry Charles Perram, 84th Punjabis.  
 Guy Edward Balfour, 16th Rajputs (The Lucknow Regiment).  
 Henry Gardiner Burridge, 15th Ludhiana Sikhs.

#### INDIAN MEDICAL SERVICE.

No. 1045.—The promotion of Captain James William Barnett, M.B., notified in Army Department Notification No. 579, dated the 7th July 1911, is antedated to the 1st February 1911.

#### SUPPLY AND TRANSPORT CORPS.

##### (LATE) MADRAS LIST.

No. 1046.—Sergeant George Passaway to be Sub-Conductor; *vice* George Day transferred to the pension establishment, with effect from the 6th October 1911.

#### NATIVE ARMY.

##### APPOINTMENTS AND PROMOTIONS.

No. 1047.—The following promotions are made :—

##### *38th King George's Own Central India Horse.*

Ressaidar Rajindar Singh to be Risaldar, Jemadar Dilawar Khan to be Ressaidar and Kote-Dafadar Shibdeo Singh to be Jemadar, *vice* Jawand Singh, transferred to the pension establishment; with effect from the 22nd October 1911.

##### *52nd Sikhs (Frontier Force).*

Jemadar Ata Khan to be Subadar, *vice* Asab, transferred to the pension establishment; with effect from the 26th October 1911.

##### *74th Punjabis.*

Havildar Pala Singh to be Jemadar, *vice* Chet Singh, promoted; with effect from the 16th July 1911.

##### *75th Carnatic Infantry.*

Havildar Kotai to be Jemadar, *vice* Saiyid Padshah, promoted; with effect from the 12th April 1911.

##### *82nd Punjabis.*

Jemadar Bostan Khan to be Subadar and Havildar Lal Khan to be Jemadar, *vice* Muhammad Asghar, deceased; with effect from the 13th July 1911.

##### *119th Infantry (The Mooltan Regiment).*

Jemadar Hira Gujar to be Subadar and Havildar-Major Shaikh Abdul Shakur to be Jemadar, *vice* Hasan Khan, transferred to the pension establishment; with effect from the 16th September 1911.

#### PENSIONS.

##### WARRANT OFFICERS.

No. 1048.—The undermentioned Warrant Officer has been transferred to the pension establishment, with effect from the date specified :—

Sub-Conductor George Day, Supply and Transport Corps, (late) Madras List; with effect from the 6th October 1911.



## RETIREMENTS.

## INDIAN ARMY.

No. 1049.—The undermentioned officers have been permitted by the Most Hon'ble the Secretary of State for India to retire from the Service, subject to His Majesty's approval; with effect from the dates specified:—

Colonel Edward Hogarth Molesworth, C.B., Unemployed Supernumerary List,—5th November 1911.

Lieutenant-Colonel Cecil Pender Griffiths Griffin, D.S.O., 1st Duke of York's Own Lancers (Skinner's Horse),—1st March 1912.

## SPECIAL.

No. 1050.—It is notified for information that the surname of Captain Cyril Edmund Alan Spencer Currie, 56th Camel Corps, has been changed to that of Cyril Edmund Alan Spencer Rocke.

## VOLUNTEER CORPS.

## APPOINTMENTS, PROMOTIONS AND RESIGNATIONS.

*Calcutta Light Horse.*

No. 1051.—Major Archibald John Pugh to be Lieutenant-Colonel to fill an existing vacancy. Dated 14th November 1911.

*Rangoon Port Defence Volunteers.**Artillery Companies.*

No. 1052.—Captain Ernest Cumming Niven, Supernumerary List, to be Major, *vice* H. E. Smith, resigned. Dated 31st July 1911.

Captain Alexander James Anderson to be Major, *vice* G. H. Evans, promoted. Dated 23rd August 1911.

Lieutenant Algernon Haslehurst Smith to be Captain, *vice* E. C. Niven, promoted. Dated 31st July 1911.

Second Lieutenant John Craig Christie Mossop to be Lieutenant, *vice* A. H. Smith, promoted. Dated 31st July 1911.

Second Lieutenant Edgar John Pullar to be Lieutenant, *vice* A. Gaitskell, transferred to the Supernumerary List. Dated 10th October 1911.

*Bombay Volunteer Artillery.*

No. 1053.—Captain Francis Arthur Kemble (R.A.), to be Major, *vice* N. S. Bertie-Clay (R. G. A.), resigned. Dated 5th July 1911.

Lieutenant Noel Robertson-Glasgow (R.G.A.), to be Captain, *vice* F. A. Kemble (R.A.), promoted. Dated 5th July 1911.

Walter Edward Lionel Long (Lieutenant R. A.), to be Lieutenant, *vice* N. Robertson-Glasgow, promoted. Dated 5th July 1911.

Second Lieutenant Frederick Burton Pendarves Lory, to be Lieutenant, *vice* R. G. Gordon, transferred to the Supernumerary List. Dated 21st July 1911.

Alfred Master to be Second Lieutenant, *vice* A. F. Kindersley, transferred to the Supernumerary List. Dated 21st July 1911.

*Great Indian Peninsula Railway Volunteer Rifle Corps.*

No. 1054.—Francis Edward Anderson to be Second Lieutenant, *vice* T. H. Rochford deceased. Dated 30th October 1911.

*Sind Volunteer Rifles.*

No. 1055.—Henry Charles Whitehouse to be Second Lieutenant, to fill an existing vacancy. Dated 1st November 1911.

*2nd (Presidency) Battalion, Calcutta Volunteer Rifles.*

No. 1056.—George Gerald Pearse to be Second Lieutenant, to fill an existing vacancy. Dated 1st November 1911.

M. H. S. GROVER, Major-General,  
Secretary to the Government of India.

## MARINE DEPARTMENT.

*Fort William, the 22nd December 1911.*

## LEAVE.

No. 100.—The undermentioned officer has been granted an extension of leave by the Most Hon'ble the Secretary of State for India :—

Engineer S. G. Donofield, Royal Indian Marine,—2 months (Medical certificate).

## PROMOTIONS.

No. 101.—The following promotions are made in the Royal Indian Marine, *vice* Commander C. R. Rowsell, Royal Indian Marine, retired ; with effect from the 1st November 1911.

*To be Commander, 1st grade.*

Commander S. D. Vale.

*To be Commander, 2nd grade.*

Commander E. J. C. Hordern.

*To be Commander, 3rd grade.*

Lieutenant A. St. C. Bowden.

M. H. S. GROVER, *Major-General,*  
*Secretary to the Government of India.*

## RAILWAY DEPARTMENT.

## RAILWAY BOARD.

## NOTIFICATIONS.

*Calcutta, the 21st December 1911.*

No. 329.—It is hereby notified for general information that the Railway Board have sanctioned a survey being carried out by the agency of the North-Western Railway Administration for a line of railway on the 5' 6" from Phillour station on the North-Western Railway to Garshankar, *via* Nawashahr, a distance of about 28 miles.

This survey will be known as the Phillour Garshankar Railway Survey.

No. 330.—It is hereby notified for general information that the Railway Board have sanctioned a survey being carried out by the agency of the Great Indian Peninsula Railway Company for a feeder line of railway on the 2' 6" gauge, or on the 5' 6" gauge from Khamgaon station on the Khamgaon branch, Great Indian Peninsula Railway, to Chickli, a distance of about 36 miles.

This survey will be known as the Khamgaon Chickli Railway Survey.

No. 331.—The services of Mr. C. Brisco Owen, Officiating Executive Engineer, North Western State Railway, are placed at the disposal of the Government of Bombay, Public Works Department, for employment as Manager and Engineer-in-Chief, Gondal Porbandar Railway.

No. 332.—Mr. W. A. Johns, Chief Engineer, State Railways, is, on return from leave, appointed Engineer-in-Chief, Karachi Extension Survey, North Western State Railway, with effect from the 18th November 1911.

No. 333.—Captain L. E. Hopkins, R.E., Executive Engineer, is, on return from leave, posted to the Karachi Extension Survey, North Western State Railway, with effect from the 7th October 1911.

Railway Board Notification No. 275, dated 20th October 1911, is cancelled.

No. 334.—Mr. D. Isaacs, Store-keeper, North Western State Railway, in class II, grade 4, of the Superior Revenue Establishment of State Railways, is permitted to retire from the service of Government, under Article 650 of the Civil Service Regulations, with effect from the 5th January 1912.

No. 335.—Mr. H. J. Blasdale, Works Manager and Honorary Assistant Carriage and Wagon Superintendent, North Western State Railway, is appointed to officiate as an Assistant Carriage and Wagon Superintendent on that Railway, with effect from the 29th October 1911, and until further orders.

No. 336.—Mr. D. H. Whalley, Transhipment Foreman, Eastern Bengal State Railway, officiated as an Assistant Traffic Superintendent on that railway from the 28th June 1911 to the 27th September 1911, inclusive, during the absence of Mr. B. G. Smith, Assistant Traffic Superintendent, on privilege leave.

No. 337.—Mr. F. R. Tebbs, Chief Engineer with the Railway Board, is permitted to retire from the service of Government under Article 650 of the Civil Service Regulations, with effect from the 14th January 1912.

No. 338.—With reference to Notification No. 337, dated 21st December 1911, Mr. R. C. Dyson, Engineer-in-Chief, North Western State Railway, is appointed Chief Engineer, with the Railway Board.

No. 339.—Lieutenant-Colonel P. Ashworth, R.E., Executive Engineer, State Railways, has been granted by His Majesty's Secretary of State for India furlough for 3 months in extension of the combined leave granted to him in Railway Board Notification No. 41, dated the 18th February 1910.

No. 340.—Mr. S. H. Van Neck, Assistant Traffic Superintendent, on probation, in Class III, Grade 4, of the Superior Revenue Establishment of State Railways, is permitted, at his own request, to resign the service of Government, with effect from the 4th January 1912.

No. 341.—In pursuance of section 135 of the Indian Railways Act, 1890 (IX of 1890), and in continuation of the Notification of the Government of India in the Railway Department No. 232, dated the 24th August 1911, the Governor General in Council is pleased to declare that the Administration of the North Western State Railway shall be liable to pay in aid of the funds of the local authority set out in the Schedule hereto annexed the tax specified in the second column thereof:—

## SCHEDULE.

Local Authority.	Tax.
1	2
Kalka Municipality.	Chowkidara tax.

No. 342.—It is hereby notified for general information that the Railway Board have sanctioned a survey being undertaken by the agency of the Madras and Southern Mahratta Railway Company for a line of railway on the metre gauge between Nipani and the Poona branch of the Madras and Southern Mahratta Railway, a distance of about 34 miles.

2. This survey will be known as the Nipani branch Railway survey.

*The 22nd December, 1911.*

No. 343.—The undermentioned gentlemen, appointed by His Majesty's Secretary of State for India as Assistant Locomotive Superintendents in class III, grade 2, of the Superior Revenue Establishment of State Railways, are posted to the Railways noted against their names:—

Mr. Raymond Hartree—North-Western State Railway.

Mr. John Arthur Tomlinson—Eastern Bengal State Railway.

R. C. F. VOLKERS,  
Secretary, Railway Board.

1 K





# The Gazette of India.

PUBLISHED BY AUTHORITY.

No. 52.} CALCUTTA, SATURDAY, DECEMBER 30, 1911.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

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## PART I.

Government of India Notifications, Appointments, Promotions, etc.

### LEGISLATIVE DEPARTMENT.

#### NOTIFICATIONS.

*Calcutta, the 23rd December 1911.*

No. 47.—In exercise of the power conferred by section 17 of the Indian Councils Act, 1861, the Governor General in Council is pleased to appoint Wednesday, the 10th January, 1912, at 11 A.M., as the time, and the Council Chamber in the Government House, Calcutta, as the place, for a meeting of the Legislative Council of the Governor General.

*The 26th December 1911.*

No. 48.—In exercise of the power conferred by section 10 of the Indian Councils Act, 1861 (24 and 25 Vict., C. 67), as modified by the Indian Councils Act, 1909 (9 Edw. 7, C. 4), and in pursuance of the provisions of Regulation I. B. (a) of the Regulations for the nomination and election of Additional Members of the Legislative Council of the Governor General, the Governor General is pleased to nominate Mr. Selwyn Howe Fremantle, being an official, to be an Additional Member of the said Council.

W. H. VINCENT,

*Secretary to the Government of India.*

## FOREIGN DEPARTMENT.

## NOTIFICATIONS.

*Calcutta, the 23rd December 1911.*

**No. 2692-I. B.**—Their Imperial Majesties the King-Emperor and Queen-Empress will arrive at Howrah Railway Station at 12-6 P.M., standard time (12-30 P.M. Calcutta time) on Saturday, the 30th December 1911.

A Guard of Honour of the East Indian Railway Volunteers will be drawn up on the platform.

2. Their Imperial Majesties will be received, on alighting from the Royal train, by Their Excellencies the Governor-General and Lady Hardinge. The Guard of Honour will salute and the Band will play the National Anthem. At the same moment an Imperial salute of 101 guns will be fired from the ramparts of Fort William.

3. His Excellency the Governor-General will then present the following gentlemen, who will be present on the platform :—

The Commissioner of the Burdwan Division.

The Magistrate of Howrah.

The Commissioner of Police for Calcutta.

The Agent of the East Indian Railway.

4. The King-Emperor will inspect the Guard of Honour.

5. Their Imperial Majesties, attended by Their Excellencies the Governor-General and Lady Hardinge, will then proceed on board the steamer "Howrah," where they will be received by the Vice-Chairman of the Port Commissioners, the Port Officer of Calcutta, and the Deputy Conservator of the Port of Calcutta.

6. The route from the station to the steamer will be lined by troops.

7. The Commissioner of Police will attend the Royal party on the "Howrah" to Prinsep's Ghat.

8. As the steamer leaves the pier at Howrah, an Imperial salute of 101 guns will be fired by such of His Majesty's Ships as may be in the river.

9. The S. S. "Howrah" will be escorted by ferry steamers manned by the Calcutta Port Defence Volunteers.

10. On the arrival of the "Howrah" at Prinsep's Ghat, a Guard of Honour of the Royal Navy, which will be drawn up opposite the landing stage, will salute and the Band will play the National Anthem. All present will rise and remain standing.

11. His Honour the Lieutenant-Governor of Bengal, accompanied by his Staff, and the General Officer Commanding the 8th (Lucknow) Division with his Staff, will proceed on board, where they will be presented to the King-Emperor and the Queen-Empress by His Excellency the Governor-General.

12. Their Imperial Majesties, attended by Their Excellencies the Governor-General and Lady Hardinge and preceded by the Lieutenant-Governor and the General Officer Commanding, will then go on shore, where they will be received by the Members of the Bengal Executive Council, the Ruling and Feudatory Chiefs of Bengal, the principal nobles of Bengal, the Members of the Bengal Legislative Council, and by the representatives of the following associations and bodies :—

(1) The Bengal Chamber of Commerce.

(2) The Commissioners of the Port of Calcutta.

(3) The British Indian Association.

(4) The Trades Association.

(5) The Bengal National Chamber of Commerce.

(6) The Bihar Landholders' Association.

(7) The University of Calcutta.

(8) The Commissioners of the Calcutta Corporation.

13. Other members of the official and non-official community of Bengal will be invited to be present in such numbers as the limited space available will permit.

14. All gentlemen attending at Prinsep's Ghat are requested to assemble not later than 12 noon (Calcutta time).

15. Foreign Consular representatives will also be invited to attend.

16. The Guard of Honour will be inspected by His Imperial Majesty.

17. After the inspection the Lieutenant-Governor will, with the King-Emperor's permission, present the Members of the Bengal Executive Council, His Highness the Maharaja of Cooch Behar and the Ruling and Feudatory Chiefs of Bengal who may be present, the Nawab Bahadur of Murshidabad and the principal nobles of Bengal, and the representatives of the associations and bodies enumerated above.

18. The Lieutenant-Governor will present the Chairman of the Calcutta Corporation, who, on behalf of the Commissioners, will read a short address of loyal welcome to Their Imperial Majesties, to which the King-Emperor will graciously read a reply.

19. A Guard of Honour of the 1st Battalion, Calcutta Volunteer Rifles, will be drawn up opposite the place of departure of the Royal carriage and will be inspected by the King-Emperor.

20. Their Imperial Majesties will proceed to Government House *via* the Ellenborough Course, south of Havildar's Tank, the Red Road, Government Place East, and Old Court House Street, entering Government House by the North-East gate.

21. The procession will be formed in the following order:—

Deputy Commissioner of Police.

Deputy Assistant Adjutant and Quarter-Master-General, Presidency Brigade.

1 Squadron British Cavalry.

Battery, R. H. A.

3 Squadrons British Cavalry.

General Officer Commanding, Presidency Brigade, and Staff.

General Officer Commanding, 8th (Lucknow) Division, and Staff.

His Imperial Majesty the King-Emperor's Staff.

Composite Squadron of Light Horse.

Calcutta Light Horse.

Their Imperial Majesties the King-Emperor and Queen-Empress.

Two of His Imperial Majesty's Equeries.

Carriage escort of 2 Non-commissioned Officers and 4 Sowars of the Body-Guard.

Other carriages included in the Procession.

Body-Guard.

Indian Cavalry Regiment.

22. The Officer Commanding the Body-Guard will ride on the right and the Officer Commanding the Calcutta Light Horse on the left of the Royal carriage. The Commissioner of Police, Calcutta, will ride to the right of, and half a horse's length to the rear of, the Officer Commanding the Body-Guard, and a second Police Officer will ride in a corresponding position on the left side of the carriage.



23. The route will be lined throughout by troops under the orders of the Brigadier-General Commanding the Presidency Brigade.

24. Guards of Honour of British and Indian Infantry will be drawn up at Government House and will present arms on Their Imperial Majesties' arrival, and the Band will play the National Anthem.

25. At Government House, there will assemble not later than 12-30 P.M. (Calcutta time), His Excellency the Commander-in-Chief with his Staff, the Heads of Local Governments and Administrations who may be in Calcutta, other than the Lieutenant-Governor of Bengal, the Most Revd. the Bishop of Calcutta, Metropolitan of India and Ceylon, the Members of the Governor-General's Executive Council, His Excellency the Commander-in-Chief of His Majesty's Naval Forces in the East Indies with his Staff, the Chief of the General Staff, the President and Members of the Railway Board, the Additional Members of the Governor-General's Legislative Council who may be in Calcutta, the Secretaries and Deputy Secretaries to the Government of India, the Head-Quarters Staff of the Army, the Heads of Civil and Military Departments, and other Officers of the Government of India who are entitled to be present. The Hon'ble the Chief Justice of Bengal, the Puisne Judges of the High Court and the Ruling Chiefs who may be in Calcutta, other than those of Bengal, are also invited to be present at Government House.

26. Cards of admission will be supplied to those gentlemen who will attend, but who are not entitled to wear uniform, on application to the Military Secretary to His Excellency the Governor-General.

27. Their Excellencies the Governor-General and Lady Hardinge, accompanied by His Excellency the Commander-in-Chief, will meet Their Imperial Majesties at the foot of the stairs of the Grand Entrance, and the Governor-General will present the Commander-in-Chief. The King-Emperor will inspect the Guards of Honour.

28. After the inspection Their Imperial Majesties will proceed to the head of the stairs, where His Excellency the Governor-General will present the Chief Justice, the Bishop of Calcutta, the Members of the Executive Council, His Excellency the Commander-in-Chief of His Majesty's Naval Forces in the East Indies, the Chief of the General Staff, the Ruling Chiefs who may be present, the President and Members of the Railway Board, the Additional Members of the Legislative Council, and the Secretaries to the Government of India. His Excellency the Commander-in-Chief will present the Senior Officers of the Army Head-Quarters Staff; and the Chief Justice will present the Puisne Judges of the High Court.

29. The Royal Standard will be hoisted as Their Imperial Majesties enter Government House.

LEVÉE DRESS WILL BE WORN. GENTLEMEN NOT ENTITLED TO APPEAR IN UNIFORM WILL WEAR COURT OR MORNING DRESS.

*The 26th December 1911.*

**No. 3417-Est. B.**—Major E. Tennant, 20th Deccan Horse, was appointed to officiate as Inspecting Officer, Hyderabad and Mysore Imperial Service Cavalry and Transport, in addition to his own duties, for the period 10th May to 5th August 1911.

The notification by the Government of India in the Foreign Department No. 2593-Est. B., dated the 14th September 1911, is hereby cancelled.

**No. 3421-Est. A.**—Captain T. H. St. G. Tucker of the Political Department is granted privilege leave for three months, combined with furlough for one year, under Articles 233 and 308 (b) of the Civil Service Regulations, with effect from the 5th December 1911.

**No. 3425-Est. A.**—Captain H. H. Thorburn, I.M.S., an officiating Agency Surgeon of the 2nd class, is posted as Civil Surgeon, Peshawar, with effect from the 19th October 1911.

*The 27th December 1911.*

**No. 2427-G.**—With the sanction of His Majesty's Government, the Governor General in Council is pleased to recognise the appointment of Mr. Howard B. Osborn as Vice and Deputy Consul for the United States of America at Rangoon.

*The 28th December 1911.*

**No. 2705-I.A.**—In exercise of the power conferred by Section 5 (1) of the Indian Army Act, 1911 (VIII of 1911), the Governor General in Council is pleased to apply to the Malwa Bhil Corps, with effect from the 1st January 1912, the provisions of the said Act, with the exception of Section 6, Section 12 (2) so far as it relates to general service, and of Sections 18, 23, 24, clause (3) of 53, 57, 58, 59, 60, 61, 62, 63, 77, 78, 79, 80, 81, 87, 98 and 121.

The notification of the Government of India in the Foreign Department, No. 851-A., dated the 6th May 1910, is hereby cancelled.

**No. 2706-I.A.**—In exercise of the power conferred by Section 5 (2) of the Indian Army Act, 1911 (VIII of 1911), the Governor General in Council is pleased to direct that in maintaining discipline over the Malwa Bhil Corps, as reconstituted under the notification of the Government of India in the Army Department, No. 415, dated the 22nd May 1908, the jurisdiction, powers and duties of a district court martial and of officer commanding the district or brigade shall be exercised or performed by the First Assistant to the Agent to the Governor General in Central India, of a general court martial or the General Officer of the Army or Division by the Agent to the Governor General in Central India, and of the Commander-in-Chief in India by the Governor General in Council.

The notification of the Government of India in the Foreign Department, No. 852-I.A., dated the 6th May 1910, is hereby cancelled.

**No. 2708-I.A.**—In exercise of the power conferred by Section 5 (1) of the Indian Army Act, 1911 (VIII of 1911), the Governor General in Council is pleased to apply to the Mewar Bhil Corps, with effect from the 1st January 1912, the provisions of the said Act, with the exception of Section 6, Section 12 (2) so far as it relates to general service, and of Sections 18, 23, 24, clause (3) of 53, 57, 58, 59, 60, 61, 62, 63, 77, 78, 79, 80, 81, 87, 98 and 121.

The notification of the Government of India in the Foreign Department, No. 2687-I.C., dated the 3rd July 1908, is hereby cancelled.

**No. 2709-I.A.**—In exercise of the power conferred by Section 5 (2) of the Indian Army Act, 1911 (VIII of 1911), the Governor General in Council is pleased to direct that in maintaining discipline over the Mewar Bhil Corps, as reconstituted under the notification of the Government of India in the Army Department, No. 192, dated the 20th March 1908, the jurisdiction, powers and duties of a district court martial and of officer commanding the district or brigade shall be exercised or performed by the Resident in Mewar, of a general court martial or the General Officer of the Army or Division by the Agent to the Governor General in Rajputana, and of the Commander-in-Chief in India by the Governor General in Council.

The notification of the Government of India in the Foreign Department, No. 2688-I.C., dated the 3rd July 1908, is hereby cancelled.

**No. 2713-I. B.**—Whereas His Highness the Maharaja of Benares has ceded to the British Government full and exclusive power and jurisdiction of every kind over the lands lying within the Benares State which are, or may hereafter be, occupied by the Oudh and Rohilkhand and Bengal and North-Western Railways (including the lands occupied by stations, by outbuildings and for other railway purposes), and over all persons and things whatsoever within the said lands:

In exercise of such power and jurisdiction and of the powers conferred by the Indian (Foreign Jurisdiction) Order in Council, 1902, and of all other powers enabling him in that behalf, the Governor General in Council is pleased to provide as follows for the administration of justice within the aforesaid lands, namely:—

1. All laws for the time being in force in the Benares District of the United Provinces of Agra and Oudh shall be in force in the said lands.
2. The Lieutenant Governor of the United Provinces of Agra and Oudh and all officers subordinate to him for the time being exercising executive authority (other than in connection with the administration of the police) within the Benares District shall exercise the like authority within the said lands.
3. All Courts having for the time being jurisdiction within the Benares District shall have the like jurisdiction within the said lands.
4. The administration of the police within the said lands shall be vested in the Superintendent, Government Railway Police, United Provinces of Agra and Oudh, "B" Section, Lucknow, in the case of the Oudh and Rohilkhand Railway, and the Superintendent, Government Railway Police, United Provinces of Agra and Oudh, "C" Section, Lucknow, in the case of the Bengal and North-Western Railway, who shall exercise within these lands

the same police powers as they may for the time being exercise within railway lands in the United Provinces of Agra and Oudh, subject to the supervision of the Deputy Inspector General of Police, Railway Branch, and the control of the Inspector General of Police, United Provinces of Agra and Oudh, and in subordination to the other authorities to whom they may be for the time being subordinate when exercising those powers within the aforesaid railway lands in the United Provinces of Agra and Oudh.

*The 29th December 1911.*

**No. 2721-I.A.**—In exercise of the powers conferred by the Indian (Foreign Jurisdiction) Order, in Council, 1902, and of all other powers enabling him in that behalf, the Governor General in Council is pleased to declare the Water Tax imposed in the Cantonment of Aurungabad under the notification of the Government of India in the Foreign Department, No. 672-I., dated 22nd February 1895, as also the Rules for the assessment and recovery of the said tax issued under the notification of the Government of India in the Foreign Department, No. 673-I., dated 22nd February 1895, as amended by the notification of the Government of India in the Army Department, No. 297, dated 24th April 1908, to be cancelled with effect from the 1st January 1912.

J. B. WOOD,

*Additional Secretary to the Government of India.*

### ARMY DEPARTMENT.

*Fort William, the 29th December 1911.*

#### FURLOUGH AND LEAVE.

#### CANTONMENT MAGISTRATES' DEPARTMENT.

**No. 1057.**—With reference to Army Department Notification No. 137, dated the 24th February 1911, Captain E. G. S. Trotter, Indian Army, has been granted a further extension of leave from the 14th to the 21st March 1911.

### ORGANISATION.

#### INDIA ARMY RESERVES.

**No. 1058.**—In exercise of the powers conferred by Section 4 of the Indian Reserve Forces Act, 1888 (Act IV of 1888), the Governor General in Council is pleased to make the following rules for the government, discipline and regulation of the Indian Reserve Forces. The rules regarding the grant of Native Officers' Commissions in the reserve of the Supply and Transport Corps published in Military Department Notification No. 112, dated 10th February 1905, are hereby cancelled.

1. These rules may be called the Indian Reserve Forces Rules, 1912, and shall come into force on the 1st January 1912.

2. In these rules "Commanding Officer" means, save as provided in Rule 16, the officer in command of a reserve centre or of the corps or portion of a corps to which a reservist is attached for training or muster.

3. The Reserve shall consist of:—

(a) Native officers commissioned under Rule 4.

(b) Persons enrolled under the Indian Army Act, 1911, and transferred to the Reserve either with their own consent or in pursuance of the conditions of their enrolment.

(c) Persons enrolled under the said Act for service in the Reserve.

4. (a) Commissions as Risaldars, Ressaidars or Jemadars in the Reserve of the Supply and Transport Corps may be granted to gentlemen of influence who have assisted in the work of transport registration and, being not more than 40 years of age, are pronounced medically fit for service.

(b) Such officers will ordinarily be retired on attaining 50 years of age.

(c) When called out for army service such officers will, for the purposes of pay and allowances, be on the same footing as native officers of the Indian Army of corresponding rank, and holding similar appointments in the Supply and Transport Corps. For the purposes of wound, injury, and family pensions or gratuities they will be under the same rules as the corresponding ranks in the Indian Army.

(d) A commission as a Jemadar in the Reserve of a Military Railway Company may be granted to a stationmaster employed on any railway in India (including Burma).

(e) Native officers of the Reserve will rank among themselves according to the dates of their commissions and, when employed on army service, will rank



with native officers of corresponding rank in the Indian Army, but as juniors of each rank. Native officers commissioned under clause (a) will exercise no military command except over persons belonging or attached to the Supply and Transport Corps. Native officers commissioned under clause (d) will exercise no military command whatever.

(f) Commissions already granted under the provisions of Military Department Notification No. 112, dated the 10th February 1905, shall be deemed to have been granted under the provisions of this Rule.

5. Every reservist shall come up for service, training or muster, when required to do so by order of his commanding officer or for service when required to do so by proclamation of the Governor General in Council or of any authority empowered by him in this behalf, and shall for this purpose attend at any place specified in such order or proclamation.

6. Every reservist shall inform his commanding officer of his address, and shall, on any change of such address, at once inform the said commanding officer of such change.

7. No reservist shall leave India except with the permission of his commanding officer. For the purpose of this Rule, Nepal shall, as regards Gurkha reservists, be deemed to be included in the term "India."

8. No reservist shall accept employment in a militia or levy corps or as a policeman, jail-warder or forest guard.

9. No reservist, other than a reservist of the traffic and locomotive section of a military railway company shall accept employment in any capacity on the staff of the North Western or Oudh and Rohilkhand Railways or on any other railway in any position requiring technical knowledge or training.

10. A reservist who has, for any reason, failed to attend at any place when required to do so in pursuance of Rule 5 may be required by his commanding officer to attend for medical examination at a reserve centre, and, if so required, shall attend at such centre on the date appointed for such examination.

11. Notwithstanding anything contained in Section 126 of the Indian Army Act, 1911, it shall not be necessary to assemble a Court of Inquiry under that section merely because a reservist has failed to attend when required to do so in pursuance of Rule 5 or 10. Such a Court of Inquiry may, however, in the discretion of the commanding officer of the reservist, be assembled in such a case.

12. A reservist who fails to attend at any place when required to do so in pursuance of Rule 5 shall forfeit all arrears of pay and allowances due to him. Pay and allowances forfeited under this Rule may, when the failure to attend is due to sickness or to any other cause which appears to his commanding officer to be reasonable, be restored in the discretion of the said commanding officer.

13. A reservist who is discharged between two trainings, either at his own request or for misconduct, shall forfeit all arrears of pay and allowances due to him.

14. The certificate referred to in clause (2) of Section 6 of the Indian Reserve Forces Act, 1888, may be signed by the commanding officer of the reservist concerned or, in respect of a reservist who fails to attend for medical inspection when required to do so in pursuance of Rule 10, by the commanding officer of the centre at which such reservist was required to attend.

15. When a person subject to the Indian Army Act, 1911, is transferred to the Reserve, his commanding officer shall, at the time of such transfer, explain or cause to be explained to him the obligations and restrictions imposed by Rules 5 to 10 and the forfeiture which may be incurred under Rules 12 and 13. When a person not subject to the said Act is enrolled thereunder for service in a reserve establishment, the officer enrolling him shall explain the aforesaid obligations, restrictions and forfeiture.

16. A reservist of the Supply and Transport Corps who is attached for training or muster to a unit of that corps other than the unit to which he belongs, may be called up for service by the commanding officer of the unit to which he belongs, and, if such reservist is so called up, the commanding officer of the unit to which he belongs shall be deemed to be his commanding officer for the purposes of Rules 5, 10, 11, 12 and 14.

## PROMOTIONS.

### INDIAN ARMY.

No. 1059.—The following promotions are made, subject to His Majesty's approval:—

*Captains to be Majors.*

23rd December 1911.

William Harvey Bowden, 109th Infantry.  
John Leared Furney, 22nd Punjabis.

William Maxwell Fenning, Cantonment Magistrates' Department.  
 William Cotter Williamson Hawkes, 106th Hazara Pioneers.  
 Charles Cecil Rowe Murphy, 30th Punjabis.  
 Cuthbert Prissick, 52nd Sikhs (Frontier Force).  
 Lionel Berkeley Holt Haworth, Supernumerary List.

*Lieutenants to be Captains.*

24th December 1911.

William Burgess Benton, 105th Mahratta Light Infantry.  
 Hugh Keppel Bethell, 7th Gurkha Rifles.  
 William Glynn Wakeman Durham, 27th Light Cavalry.  
 Philip George Phillimore, 99th Deccan Infantry.

INDIAN SUBORDINATE MEDICAL DEPARTMENT.

ASSISTANT SURGEON BRANCH.

*Bengal Establishment.*

No. 1060.—The following promotions are made, subject to His Majesty's approval:—

Senior Assistant Surgeon and Honorary Lieutenant Robert James Owen (*seconded*) to be Senior Assistant Surgeon, with the honorary rank of Captain (*seconded*),  
 Senior Assistant Surgeon and Honorary Lieutenant Frederick Francis Bedell to be Senior Assistant Surgeon, with the honorary rank of Captain,  
 1st Class Assistant Surgeon William James Corridon (*seconded*) to be Senior Assistant Surgeon, with the honorary rank of Lieutenant (*seconded*),  
 1st Class Assistant Surgeon Edward James Greson (*seconded*) to be Senior Assistant Surgeon, with the Honorary rank of Lieutenant (*seconded*),  
 1st Class Assistant Surgeon (Supernumerary Senior Assistant Surgeon and Honorary Captain) Eugene Alfred St. Romaine is absorbed in the rank of Lieutenant,  
*vice* Senior Assistant Surgeon and Honorary Captain James Johnstone, retired; with effect from the 22nd November 1911.

ORDNANCE DEPARTMENT.

*Northern Army.*

No. 1061.—Deputy Commissary and Honorary Captain William Christian Hobbs, supernumerary to the establishment by reversion from the *seconded* list to be Commissary on the effective list, subject to His Majesty's approval, *vice* Commissary and Honorary Captain William Mumford Huggins, deceased, with effect from the 13th September 1911.

No. 1062.—Conductor Richard Lewis, supernumerary on reversion to Arsenal duty, to be absorbed, *vice* Conductor Thomas Charles Hauley, deceased, with effect from the 30th October 1911.

No. 1063.—Sub-Conductor Henry John Morphey, Assistant Overseer, Ammunition Factory, Dum Dum, *seconded*, to be Conductor *seconded*,

Sub-Conductor William Percival Ives, Assistant Overseer, Ammunition Factory, Kirkee, *seconded*, to be Conductor *seconded*,

Sub-Conductor John Rose, Assistant Overseer, Cordite Factory, Aruvankadu, *seconded*, to be Conductor, *seconded*,

Sub-Conductor Frederick Bunnett to be Conductor,

*vice* Conductor Joseph Fisher transferred to the pension establishment; with effect from the 1st October 1911.

No. 1064.—Sub-Conductor Henry James Pemberton, supernumerary on reversion to Arsenal duty, to be absorbed, with effect from the 1st November 1911, *vice* Sub-Conductor Frederick Bunnett promoted Conductor in the vacancy caused by the retirement of Conductor Joseph Fisher.

No. 1065.—Sub-Conductor on probation Henry Nicholl is confirmed in his present rank, with effect from the 26th March 1911.

## NATIVE ARMY.

## APPOINTMENTS AND PROMOTIONS.

No. 1066.—The following direct appointment is made, with effect from the date specified:

*17th Infantry (The Loyal Regiment).*

Alah Bakhsh to be Jemadar, on probation, *vice* Zahur Khan, promoted; with effect from the 15th July 1911.

No. 1067.—The following promotions are made:—

*3rd Sappers and Miners.*

Havildar-Major Gujar Singh to be Jemadar, *vice* Sakajirao More, transferred to the pension establishment; with effect from the 21st November 1911.

*9th Bhopal Infantry.*

Havildar Govind Singh to be Jemadar, *vice* Baryam Singh, transferred to the pension establishment; with effect from the 16th October 1911.

Color-Havildar Ram Lal Dube to be Jemadar, *vice* Ramadhar Sukul, transferred to the pension establishment; with effect from the 1st November 1911.

*13th Rajputs (The Shekhawati Regiment).*

Jemadar Dhan Singh to be Subadar and Havildar Balwant Singh to be Jemadar, *vice* Moti Singh, resigned; with effect from the 1st November 1911.

*92nd Punjabis.*

Jemadar Ahmad Khan, on transfer from the 19th Punjabis, to be Subadar, *vice* Ilahi Bakhsh, transferred to the pension establishment; with effect from the 1st October 1911.

## PENSIONS.

## WARRANT OFFICERS.

No. 1068.—The undermentioned Warrant Officer has been transferred to the pension establishment with effect from the date specified:—

Conductor John James Bodfish, [Ordnance Department, Northern Army,— 28th November 1911.

## RETIREMENTS.

## ORDNANCE DEPARTMENT.

No. 1069.—The undermentioned departmental officer, with honorary rank, is permitted to retire from the service, subject to His Majesty's approval, with effect from the 11th November 1911:—

Assistant Commissary and Honorary Lieutenant James Hynds, Northern Army.

No. 1070.—The undermentioned departmental officer, with honorary rank, has been permitted by the Most Hon'ble the Secretary of State for India to retire from the service, subject to His Majesty's approval, with effect from the 15th January 1912:—

Assistant Commissary and Honorary Lieutenant Henry James Doyle, Southern Army.

## VOLUNTEER CORPS.

## APPOINTMENTS, PROMOTIONS AND RESIGNATIONS.

*Calcutta Light Horse.*

No. 1071.—William McCormack Boyle to be Second Lieutenant, to fill an existing vacancy. Dated 8th November 1911.



*Chota Nagpur Light Horse.*

No. 1072.—Major Frank Joseph Agabeg to be Lieutenant-Colonel, to fill an existing vacancy. Dated 11th May 1911.

Captain Alfred Arrikiel Agabeg to be Major, to fill an existing vacancy. Dated 11th May 1911.

Lieutenant George Miller to be Captain, to fill an existing vacancy. Dated 11th May 1911.

Frederick Dundas Whiffen to be Captain, to fill an existing vacancy. Dated 11th May 1911.

Second Lieutenant Edward Neville Forbes to be Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

Second Lieutenant Frederick William Heilgers to be Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

Second Lieutenant William Hutton-Williams to be Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

Nat Miller to be Second Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

Ernest Malcolm Patterson to be Second Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

Arthur Willsteed Cook to be Second Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

Richard Ged Muir Bathgate to be Second Lieutenant, to fill an existing vacancy. Dated 11th May 1911.

*Rangoon Volunteer Rifles.*

No. 1073.—Second Lieutenant Robert Roper Yeomans to be Lieutenant, *vice* G. C. Whigham, promoted. Dated 11th April 1911.

Second Lieutenant Edmund Charles Down to be Lieutenant, *vice* W. Booth-Gravelly, transferred to the Supernumerary List. Dated 15th September 1911.

Second Lieutenant Arthur Salisbury Browne Roberts (Captain, Indian Army) to be Lieutenant, *vice* R. F. Greer, promoted. Dated 15th September 1911.

Second Lieutenant Richard Clarke Glover to be Lieutenant, to fill an existing vacancy. Dated 6th November 1911.

Second Lieutenant Basil Stephenson to be Lieutenant, to fill an existing vacancy. Dated 6th November 1911.

Second Lieutenant Algernon Edward Mann to be Lieutenant, to fill an existing vacancy. Dated 6th November 1911.

Second Lieutenant Thomas Durdant Pead (Supernumerary List) resigns his commission. Dated 8th November 1911.

M. H. S. GROVER, *Major-General,*  
*Secretary to the Government of India.*

## ARMY DEPARTMENT.

## NOTIFICATION.

*Fort William, the 29th December 1911.*

Under Clause 53 of the Regulations appended to the Regimental Debts Act, 1893, it is notified that report of the death of the undermentioned Commissioned Officer on the date specified, was received in the Army Department between the 10th and 22nd December 1911:—

Corps.	Rank and name.	Date of Decease.	Place of Decease.	Testate or Intestate.	REMARKS.
47th Sikhs	Lieutenant Henry Edward Paske.	13th December 1911.	Delhi	...	...

M. H. S. GROVER, *Major-General,*  
*Secretary to the Government of India.*

## MARINE DEPARTMENT.

*Fort William, the 29th December 1911.*

## RETIREMENTS.

No. 102.—Subject to His Majesty's approval, Chief Engineer D. J. Taylor, Royal Indian Marine, has been permitted by the Most Hon'ble the Secretary of State for India to retire from the service; with effect from the 17th November 1911.

M. H. S. GROVER, *Major-General,*  
*Secretary to the Government of India.*

## RAILWAY DEPARTMENT.

(RAILWAY BOARD).

## NOTIFICATIONS.

*Calcutta, the 28th December 1911.*

No. 344.—With reference to Notification No. 338, dated the 21st December 1911, Mr. A. Rowland, Deputy Engineer-in-Chief, North Western State Railway, is appointed to officiate as Engineer-in-Chief of that line until further orders.

No. 345.—It is hereby notified, for general information, that the Government of India have sanctioned the survey by the Bhavnagar State for a line of railway on the metre gauge from Botad, a station on the Bhavnagar railway, to Jasdan, a total distance of about 34 miles.

The survey will be known as the Botad Jasdan Railway Survey.

*The 29th December 1911.*

No. 346.—Mr. W. F. Harnett, Officiating Locomotive Superintendent, Eastern Bengal State Railway, is granted privilege leave for three months combined with furlough on Medical Certificate for eight months, under Articles 233, 250 and 308 (a) of the Civil Service Regulations, with effect from the 1st December 1911.

No. 347.—With reference to Railway Board Notification No. 346, dated the 29th December 1911, Mr. A. E. Pearse, Officiating Deputy Locomotive Superintendent, Eastern Bengal State Railway, is appointed, as a temporary measure, to officiate as Locomotive Superintendent of that railway, until further orders.

No. 348.—With reference to Railway Board Notification No. 347, dated the 29th December 1911, Mr. K. M. Kirkhope, District Locomotive Superintendent, in class II, grade 3, of the Superior Revenue Establishment of State Railways, is appointed, as a temporary measure, to officiate in class I as a Deputy Locomotive Superintendent of that railway, until further orders.

No. 349.—It is hereby notified for general information that the Railway Board have sanctioned a survey being carried out by the Agency of the North Western State Railway for a line of railway on the 2' 6" gauge from Jacobabad station on the North Western State Railway to Kashmore, a distance of about 73 miles.

This survey will be known as the Jacobabad Kashmore Railway Survey.

No. 350.—Mr. A. C. Robertson, Assistant Locomotive Superintendent, Eastern Bengal State Railway, in class III, grade 2, of the Superior Revenue Establishment of State Railways, is appointed to officiate as a District Locomotive Superintendent in class II of that establishment, with effect from the 9th November 1911 and until further orders.

No. 351.—Captain G. J. W. Smyth, R.E., Junior Government Inspector of Railways, Circle No. 7, Madras, is appointed Engineer-in-Chief, Lower Burma Railways Reconnaissance Surveys, with the rank of Superintendent of Works.

Railway Board Notification No. 324, dated 8th December 1911, is cancelled.

No. 352.—With reference to Notification No. 351, dated 29th December 1911, Mrt W. R. Horn, Executive Engineer, is, on return from leave, appointed Junior Government Inspector of Railways, Circle No. 7, Madras.

Railway Board Notification No. 325, dated 8th December 1911, is cancelled.

No. 353.—It is hereby notified for general information that the Railway Board have sanctioned a resurvey being carried out by the Agency of the Great Indian Peninsula Railway for a line of railway on the 2' 6" gauge from Talegaon station on the Great Indian Peninsula Railway to Khed, a distance of about 22 miles.

This survey will be known as the Talegaon Khed Railway Survey.

No. 354.—It is hereby notified for general information that the Railway Board have sanctioned a detailed survey being made by the Agency of the Bengal Nagpur Railway Company for a branch line of railway on the 5' 6" gauge from Bhadrak station on the Khargpur Khurda Road Section of the Bengal Nagpur Railway to Chandballi, a distance of about 30 miles.

This survey will be known as the Bhadrak-Chandballi Branch Railway Survey.

R. C. F. VOLKERS,  
*Secretary, Railway Board.*